



BARGE "CBC 391"

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	00-1/8	- 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
3 PORT	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 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"

May 19, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 391"

1 PORT 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	898	0	15,080	0	30,307	0	45,523	0	60,740	0	75,967	0	91,195	0	106,422	0	121,645	0	136,866
1/4	1,076	1/4	15,397	1/4	30,624	1/4	45,840	1/4	61,057	1/4	76,285	1/4	91,512	1/4	106,739	1/4	121,962	1/4	137,183
1/2	1,255	1/2	15,715	1/2	30,941	1/2	46,157	1/2	61,375	1/2	76,602	1/2	91,829	1/2	107,056	1/2	122,279	1/2	137,501
3/4	1,433	3/4	16,032	3/4	31,258	3/4	46,474	3/4	61,692	3/4	76,919	3/4	92,146	3/4	107,373	3/4	122,596	3/4	137,818
1	1,612	1	16,349	1	31,576	1	46,790	1	62,009	1	77,236	1	92,463	1	107,691	1	122,913	1	138,135
1/4	1,843	1/4	16,666	1/4	31,893	1/4	47,107	1/4	62,326	1/4	77,554	1/4	92,781	1/4	108,008	1/4	123,230	1/4	138,452
1/2	2,074	1/2	16,983	1/2	32,210	1/2	47,424	1/2	62,644	1/2	77,871	1/2	93,098	1/2	108,325	1/2	123,547	1/2	138,769
3/4	2,305	3/4	17,301	3/4	32,527	3/4	47,740	3/4	62,961	3/4	78,188	3/4	93,415	3/4	108,642	3/4	123,865	3/4	139,086
2	2,537	2	17,618	2	32,844	2	48,057	2	63,278	2	78,505	2	93,732	2	108,960	2	124,182	2	139,403
1/4	2,821	1/4	17,937	1/4	33,162	1/4	48,374	1/4	63,595	1/4	78,822	1/4	94,050	1/4	109,277	1/4	124,499	1/4	139,720
1/2	3,105	1/2	18,254	1/2	33,479	1/2	48,691	1/2	63,912	1/2	79,140	1/2	94,367	1/2	109,594	1/2	124,816	1/2	140,038
3/4	3,389	3/4	18,570	3/4	33,796	3/4	49,007	3/4	64,230	3/4	79,457	3/4	94,684	3/4	109,911	3/4	125,133	3/4	140,355
3	3,673	3	18,887	3	34,113	3	49,324	3	64,547	3	79,774	3	95,001	3	110,229	3	125,450	3	140,672
1/4	3,987	1/4	19,204	1/4	34,431	1/4	49,641	1/4	64,864	1/4	80,091	1/4	95,319	1/4	110,546	1/4	125,767	1/4	140,989
1/2	4,301	1/2	19,521	1/2	34,748	1/2	49,958	1/2	65,181	1/2	80,409	1/2	95,636	1/2	110,863	1/2	126,084	1/2	141,306
3/4	4,615	3/4	19,838	3/4	35,065	3/4	50,274	3/4	65,499	3/4	80,726	3/4	95,953	3/4	111,180	3/4	126,402	3/4	141,623
4	4,929	4	20,156	4	35,382	4	50,591	4	65,816	4	81,043	4	96,270	4	111,497	4	126,719	4	141,940
1/4	5,246	1/4	20,473	1/4	35,699	1/4	50,908	1/4	66,133	1/4	81,360	1/4	96,588	1/4	111,814	1/4	127,036	1/4	142,257
1/2	5,563	1/2	20,790	1/2	36,017	1/2	51,224	1/2	66,450	1/2	81,678	1/2	96,905	1/2	112,131	1/2	127,353	1/2	142,574
3/4	5,881	3/4	21,107	3/4	36,334	3/4	51,541	3/4	66,768	3/4	81,995	3/4	97,222	3/4	112,448	3/4	127,670	3/4	142,892
5	6,198	5	21,425	5	36,651	5	51,858	5	67,085	5	82,312	5	97,539	5	112,766	5	127,987	5	143,209
1/4	6,515	1/4	21,742	1/4	36,968	1/4	52,175	1/4	67,402	1/4	82,629	1/4	97,856	1/4	113,083	1/4	128,304	1/4	143,526
1/2	6,832	1/2	22,059	1/2	37,286	1/2	52,492	1/2	67,719	1/2	82,946	1/2	98,174	1/2	113,400	1/2	128,621	1/2	143,843
3/4	7,150	3/4	22,376	3/4	37,603	3/4	52,809	3/4	68,037	3/4	83,264	3/4	98,491	3/4	113,717	3/4	128,938	3/4	144,160
6	7,467	6	22,693	6	37,920	6	53,127	6	68,354	6	83,581	6	98,808	6	114,034	6	129,256	6	144,477
1/4	7,782	1/4	23,011	1/4	38,237	1/4	53,444	1/4	68,671	1/4	83,898	1/4	99,125	1/4	114,351	1/4	129,573	1/4	144,794
1/2	8,100	1/2	23,328	1/2	38,554	1/2	53,761	1/2	68,988	1/2	84,215	1/2	99,443	1/2	114,668	1/2	129,890	1/2	145,111
3/4	8,418	3/4	23,645	3/4	38,872	3/4	54,078	3/4	69,305	3/4	84,533	3/4	99,760	3/4	114,985	3/4	130,207	3/4	145,428
7	8,736	7	23,962	7	39,189	7	54,395	7	69,623	7	84,850	7	100,077	7	115,302	7	130,524	7	145,746
1/4	9,053	1/4	24,279	1/4	39,506	1/4	54,713	1/4	69,940	1/4	85,167	1/4	100,394	1/4	115,620	1/4	130,841	1/4	146,063
1/2	9,370	1/2	24,597	1/2	39,822	1/2	55,030	1/2	70,257	1/2	85,484	1/2	100,712	1/2	115,937	1/2	131,158	1/2	146,380
3/4	9,687	3/4	24,914	3/4	40,139	3/4	55,347	3/4	70,574	3/4	85,802	3/4	101,029	3/4	116,254	3/4	131,475	3/4	146,697
8	10,005	8	25,231	8	40,456	8	55,664	8	70,892	8	86,119	8	101,346	8	116,571	8	131,793	8	147,014
1/4	10,322	1/4	25,548	1/4	40,773	1/4	55,982	1/4	71,209	1/4	86,436	1/4	101,663	1/4	116,888	1/4	132,110	1/4	147,331
1/2	10,639	1/2	25,866	1/2	41,089	1/2	56,299	1/2	71,526	1/2	86,753	1/2	101,980	1/2	117,205	1/2	132,427	1/2	147,648
3/4	10,956	3/4	26,183	3/4	41,406	3/4	56,616	3/4	71,843	3/4	87,071	3/4	102,298	3/4	117,522	3/4	132,744	3/4	147,965
9	11,273	9	26,500	9	41,723	9	56,933	9	72,161	9	87,388	9	102,615	9	117,839	9	133,061	9	148,283
1/4	11,591	1/4	26,817	1/4	42,040	1/4	57,251	1/4	72,478	1/4	87,705	1/4	102,932	1/4	118,157	1/4	133,378	1/4	148,600
1/2	11,908	1/2	27,134	1/2	42,356	1/2	57,568	1/2	72,795	1/2	88,022	1/2	103,249	1/2	118,474	1/2	133,695	1/2	148,917
3/4	12,225	3/4	27,452	3/4	42,673	3/4	57,885	3/4	73,112	3/4	88,339	3/4	103,567	3/4	118,791	3/4	134,012	3/4	149,234
10	12,542	10	27,769	10	42,990	10	58,202	10	73,429	10	88,657	10	103,884	10	119,108	10	134,329	10	149,551
1/4	12,860	1/4	28,086	1/4	43,306	1/4	58,520	1/4	73,747	1/4	88,974	1/4	104,201	1/4	119,425	1/4	134,647	1/4	149,868
1/2	13,177	1/2	28,403	1/2	43,623	1/2	58,837	1/2	74,064	1/2	89,291	1/2	104,518	1/2	119,742	1/2	134,964	1/2	150,185
3/4	13,494	3/4	28,721	3/4	43,940	3/4	59,154	3/4	74,381	3/4	89,608	3/4	104,836	3/4	120,059	3/4	135,281	3/4	150,502
11	13,811	11	29,038	11	44,257	11	59,471	11	74,698	11	89,926	11	105,153	11	120,376	11	135,598	11	150,819
1/4	14,128	1/4	29,355	1/4	44,573	1/4	59,788	1/4	75,016	1/4	90,243	1/4	105,470	1/4	120,693	1/4	135,915	1/4	151,137
1/2	14,446	1/2	29,672	1/2	44,890	1/2	60,106	1/2	75,333	1/2	90,560	1/2	105,787	1/2	121,011	1/2	136,232	1/2	151,454
3/4	14,763	3/4	29,989	3/4	45,207	3/4	60,423	3/4	75,650	3/4	90,877	3/4	106,105	3/4	121,328	3/4	136,549	3/4	151,771

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 391"

1 PORT 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	152,088	0	167,310	0	182,502	0	197,131	0	210,991	0		0		0		0		0	
1/4	152,405	1/4	167,627	1/4	182,814	1/4	197,427	1/4	211,302	1/4		1/4		1/4		1/4		1/4	
1/2	152,722	1/2	167,944	1/2	183,126	1/2	197,723	1/2	211,613	1/2		1/2		1/2		1/2		1/2	
3/4	153,039	3/4	168,261	3/4	183,438	3/4	198,019	3/4	211,924	3/4		3/4		3/4		3/4		3/4	
1	153,356	1	168,578	1	183,750	1	198,315	1	212,235	1		1		1		1		1	
1/4	153,674	1/4	168,895	1/4	184,061	1/4	198,609	1/4	212,548	1/4		1/4		1/4		1/4		1/4	
1/2	153,991	1/2	169,212	1/2	184,372	1/2	198,903	1/2	212,861	1/2		1/2		1/2		1/2		1/2	
3/4	154,308	3/4	169,529	3/4	184,683	3/4	199,196	3/4	213,174	3/4		3/4		3/4		3/4		3/4	
2	154,625	2	169,846	2	184,994	2	199,490	2	213,487	2		2		2		2		2	
1/4	154,942	1/4	170,164	1/4	185,303	1/4	199,782	1/4	213,800	1/4		1/4		1/4		1/4		1/4	
1/2	155,259	1/2	170,481	1/2	185,613	1/2	200,074	1/2	214,113	1/2		1/2		1/2		1/2		1/2	
3/4	155,576	3/4	170,798	3/4	185,922	3/4	200,366	3/4	214,426	3/4		3/4		3/4		3/4		3/4	
3	155,893	3	171,115	3	186,232	3	200,659	3	214,738	3		3		3		3		3	
1/4	156,210	1/4	171,432	1/4	186,540	1/4	200,949	1/4	215,051	1/4		1/4		1/4		1/4		1/4	
1/2	156,528	1/2	171,749	1/2	186,848	1/2	201,240	1/2	215,364	1/2		1/2		1/2		1/2		1/2	
3/4	156,845	3/4	172,066	3/4	187,156	3/4	201,531	3/4	215,677	3/4		3/4		3/4		3/4		3/4	
4	157,162	4	172,383	4	187,464	4	201,822	4	215,990	4		4		4		4		4	
1/4	157,479	1/4	172,700	1/4	187,771	1/4	202,112	1/4	216,303	1/4		1/4		1/4		1/4		1/4	
1/2	157,796	1/2	173,018	1/2	188,078	1/2	202,401	1/2	216,616	1/2		1/2		1/2		1/2		1/2	
3/4	158,113	3/4	173,335	3/4	188,384	3/4	202,691	3/4	216,929	3/4		3/4		3/4		3/4		3/4	
5	158,430	5	173,652	5	188,691	5	202,980	5	217,242	5		5		5		5		5	
1/4	158,747	1/4	173,969	1/4	188,996	1/4	203,268	1/4	217,550	1/4		1/4		1/4		1/4		1/4	
1/2	159,064	1/2	174,286	1/2	189,302	1/2	203,556	1/2	217,857	1/2		1/2		1/2		1/2		1/2	
3/4	159,382	3/4	174,603	3/4	189,607	3/4	203,845	3/4	218,164	3/4		3/4		3/4		3/4		3/4	
6	159,699	6	174,920	6	189,913	6	204,133	6	218,471	6		6		6		6		6	
1/4	160,016	1/4	175,237	1/4	190,217	1/4	204,419	1/4	218,737	1/4		1/4		1/4		1/4		1/4	
1/2	160,333	1/2	175,555	1/2	190,521	1/2	204,706	1/2	219,003	1/2		1/2		1/2		1/2		1/2	
3/4	160,650	3/4	175,872	3/4	190,825	3/4	204,993	3/4	219,269	3/4		3/4		3/4		3/4		3/4	
7	160,967	7	176,189	7	191,129	7	205,280	7	219,535	7		7		7		7		7	
1/4	161,284	1/4	176,506	1/4	191,432	1/4	205,565	1/4	219,750	1/4		1/4		1/4		1/4		1/4	
1/2	161,601	1/2	176,823	1/2	191,735	1/2	205,851	1/2	219,965	1/2		1/2		1/2		1/2		1/2	
3/4	161,919	3/4	177,140	3/4	192,038	3/4	206,136	3/4	220,180	3/4		3/4		3/4		3/4		3/4	
8	162,236	8	177,457	8	192,340	8	206,422	8	220,394	8		8		8		8		8	
1/4	162,553	1/4	177,774	1/4	192,642	1/4	206,706	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,870	1/2	178,091	1/2	192,943	1/2	206,990	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,187	3/4	178,408	3/4	193,244	3/4	207,275	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,504	9	178,725	9	193,546	9	207,559	9		9		9		9		9		9	
1/4	163,821	1/4	179,041	1/4	193,846	1/4	207,842	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,138	1/2	179,357	1/2	194,146	1/2	208,125	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,455	3/4	179,673	3/4	194,446	3/4	208,408	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,773	10	179,990	10	194,746	10	208,691	10		10		10		10		10		10	
1/4	165,090	1/4	180,304	1/4	195,045	1/4	208,972	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,407	1/2	180,619	1/2	195,343	1/2	209,254	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,724	3/4	180,934	3/4	195,642	3/4	209,535	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,041	11	181,249	11	195,941	11	209,817	11		11		11		11		11		11	
1/4	166,358	1/4	181,562	1/4	196,238	1/4	210,111	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,675	1/2	181,875	1/2	196,536	1/2	210,404	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,992	3/4	182,189	3/4	196,833	3/4	210,698	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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



BARGE "CBC 391"

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	898	0	15,080	0	30,307	0	45,485	0	60,661	0	75,888	0	91,115	0	106,342	0	121,565	0	136,787
1/4	1,076	1/4	15,397	1/4	30,624	1/4	45,800	1/4	60,978	1/4	76,205	1/4	91,432	1/4	106,659	1/4	121,882	1/4	137,104
1/2	1,255	1/2	15,715	1/2	30,941	1/2	46,115	1/2	61,295	1/2	76,522	1/2	91,749	1/2	106,977	1/2	122,200	1/2	137,421
3/4	1,433	3/4	16,032	3/4	31,258	3/4	46,430	3/4	61,612	3/4	76,840	3/4	92,067	3/4	107,294	3/4	122,517	3/4	137,738
1	1,612	1	16,349	1	31,576	1	46,745	1	61,930	1	77,157	1	92,384	1	107,611	1	122,834	1	138,055
1/4	1,843	1/4	16,666	1/4	31,893	1/4	47,060	1/4	62,247	1/4	77,474	1/4	92,701	1/4	107,928	1/4	123,151	1/4	138,372
1/2	2,074	1/2	16,983	1/2	32,210	1/2	47,375	1/2	62,564	1/2	77,791	1/2	93,018	1/2	108,246	1/2	123,468	1/2	138,690
3/4	2,305	3/4	17,301	3/4	32,527	3/4	47,690	3/4	62,881	3/4	78,108	3/4	93,336	3/4	108,563	3/4	123,785	3/4	139,007
2	2,537	2	17,618	2	32,844	2	48,005	2	63,198	2	78,426	2	93,653	2	108,880	2	124,102	2	139,324
1/4	2,821	1/4	17,937	1/4	33,162	1/4	48,320	1/4	63,516	1/4	78,743	1/4	93,970	1/4	109,197	1/4	124,419	1/4	139,641
1/2	3,105	1/2	18,254	1/2	33,479	1/2	48,635	1/2	63,833	1/2	79,060	1/2	94,287	1/2	109,515	1/2	124,736	1/2	139,958
3/4	3,389	3/4	18,570	3/4	33,796	3/4	48,950	3/4	64,150	3/4	79,377	3/4	94,605	3/4	109,832	3/4	125,054	3/4	140,275
3	3,673	3	18,887	3	34,113	3	49,265	3	64,467	3	79,695	3	94,922	3	110,149	3	125,371	3	140,592
1/4	3,987	1/4	19,204	1/4	34,431	1/4	49,580	1/4	64,785	1/4	80,012	1/4	95,239	1/4	110,466	1/4	125,688	1/4	140,909
1/2	4,301	1/2	19,521	1/2	34,748	1/2	49,895	1/2	65,102	1/2	80,329	1/2	95,556	1/2	110,783	1/2	126,005	1/2	141,226
3/4	4,615	3/4	19,838	3/4	35,065	3/4	50,210	3/4	65,419	3/4	80,646	3/4	95,874	3/4	111,100	3/4	126,322	3/4	141,544
4	4,929	4	20,156	4	35,382	4	50,525	4	65,736	4	80,964	4	96,191	4	111,418	4	126,639	4	141,861
1/4	5,246	1/4	20,473	1/4	35,699	1/4	50,841	1/4	66,054	1/4	81,281	1/4	96,508	1/4	111,734	1/4	126,956	1/4	142,178
1/2	5,563	1/2	20,790	1/2	36,017	1/2	51,156	1/2	66,371	1/2	81,598	1/2	96,825	1/2	112,052	1/2	127,273	1/2	142,495
3/4	5,881	3/4	21,107	3/4	36,334	3/4	51,471	3/4	66,688	3/4	81,915	3/4	97,142	3/4	112,369	3/4	127,590	3/4	142,812
5	6,198	5	21,425	5	36,651	5	51,786	5	67,005	5	82,232	5	97,460	5	112,686	5	127,908	5	143,129
1/4	6,515	1/4	21,742	1/4	36,968	1/4	52,101	1/4	67,323	1/4	82,550	1/4	97,777	1/4	113,003	1/4	128,225	1/4	143,446
1/2	6,832	1/2	22,059	1/2	37,286	1/2	52,417	1/2	67,640	1/2	82,867	1/2	98,094	1/2	113,320	1/2	128,542	1/2	143,763
3/4	7,150	3/4	22,376	3/4	37,603	3/4	52,732	3/4	67,957	3/4	83,184	3/4	98,411	3/4	113,637	3/4	128,859	3/4	144,081
6	7,467	6	22,693	6	37,920	6	53,048	6	68,274	6	83,501	6	98,729	6	113,954	6	129,176	6	144,398
1/4	7,782	1/4	23,011	1/4	38,236	1/4	53,365	1/4	68,591	1/4	83,819	1/4	99,046	1/4	114,272	1/4	129,493	1/4	144,715
1/2	8,100	1/2	23,328	1/2	38,552	1/2	53,682	1/2	68,909	1/2	84,136	1/2	99,363	1/2	114,589	1/2	129,810	1/2	145,032
3/4	8,418	3/4	23,645	3/4	38,867	3/4	53,999	3/4	69,226	3/4	84,453	3/4	99,680	3/4	114,906	3/4	130,127	3/4	145,349
7	8,736	7	23,962	7	39,183	7	54,316	7	69,543	7	84,770	7	99,998	7	115,223	7	130,445	7	145,666
1/4	9,053	1/4	24,279	1/4	39,498	1/4	54,633	1/4	69,860	1/4	85,088	1/4	100,315	1/4	115,540	1/4	130,762	1/4	145,983
1/2	9,370	1/2	24,597	1/2	39,813	1/2	54,950	1/2	70,178	1/2	85,405	1/2	100,632	1/2	115,857	1/2	131,079	1/2	146,300
3/4	9,687	3/4	24,914	3/4	40,128	3/4	55,268	3/4	70,495	3/4	85,722	3/4	100,949	3/4	116,174	3/4	131,396	3/4	146,617
8	10,005	8	25,231	8	40,444	8	55,585	8	70,812	8	86,039	8	101,266	8	116,491	8	131,713	8	146,935
1/4	10,322	1/4	25,548	1/4	40,759	1/4	55,902	1/4	71,129	1/4	86,357	1/4	101,584	1/4	116,809	1/4	132,030	1/4	147,252
1/2	10,639	1/2	25,866	1/2	41,074	1/2	56,219	1/2	71,447	1/2	86,674	1/2	101,901	1/2	117,126	1/2	132,347	1/2	147,569
3/4	10,956	3/4	26,183	3/4	41,389	3/4	56,537	3/4	71,764	3/4	86,991	3/4	102,218	3/4	117,443	3/4	132,664	3/4	147,886
9	11,273	9	26,500	9	41,704	9	56,854	9	72,081	9	87,308	9	102,535	9	117,760	9	132,981	9	148,203
1/4	11,591	1/4	26,817	1/4	42,019	1/4	57,171	1/4	72,398	1/4	87,625	1/4	102,853	1/4	118,077	1/4	133,299	1/4	148,520
1/2	11,908	1/2	27,134	1/2	42,334	1/2	57,488	1/2	72,715	1/2	87,943	1/2	103,170	1/2	118,394	1/2	133,616	1/2	148,837
3/4	12,225	3/4	27,452	3/4	42,649	3/4	57,806	3/4	73,033	3/4	88,260	3/4	103,487	3/4	118,711	3/4	133,933	3/4	149,154
10	12,542	10	27,769	10	42,964	10	58,123	10	73,350	10	88,577	10	103,804	10	119,028	10	134,250	10	149,471
1/4	12,860	1/4	28,086	1/4	43,279	1/4	58,440	1/4	73,667	1/4	88,894	1/4	104,122	1/4	119,345	1/4	134,567	1/4	149,789
1/2	13,177	1/2	28,403	1/2	43,594	1/2	58,757	1/2	73,984	1/2	89,212	1/2	104,439	1/2	119,663	1/2	134,884	1/2	150,106
3/4	13,494	3/4	28,721	3/4	43,909	3/4	59,074	3/4	74,302	3/4	89,529	3/4	104,756	3/4	119,980	3/4	135,201	3/4	150,423
11	13,811	11	29,038	11	44,224	11	59,392	11	74,619	11	89,846	11	105,073	11	120,297	11	135,518	11	150,740
1/4	14,128	1/4	29,355	1/4	44,539	1/4	59,709	1/4	74,936	1/4	90,163	1/4	105,391	1/4	120,614	1/4	135,836	1/4	151,057
1/2	14,446	1/2	29,672	1/2	44,854	1/2	60,026	1/2	75,253	1/2	90,481	1/2	105,708	1/2	120,931	1/2	136,153	1/2	151,374
3/4	14,763	3/4	29,989	3/4	45,169	3/4	60,343	3/4	75,571	3/4	90,798	3/4	106,025	3/4	121,248	3/4	136,470	3/4	151,691

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 391"

**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	152,008	0	167,230	0	182,423	0	197,051	0	210,911	0		0		0		0		0	
1/4	152,326	1/4	167,547	1/4	182,735	1/4	197,347	1/4	211,222	1/4		1/4		1/4		1/4		1/4	
1/2	152,643	1/2	167,864	1/2	183,047	1/2	197,643	1/2	211,533	1/2		1/2		1/2		1/2		1/2	
3/4	152,960	3/4	168,181	3/4	183,359	3/4	197,940	3/4	211,844	3/4		3/4		3/4		3/4		3/4	
1	153,277	1	168,498	1	183,671	1	198,236	1	212,155	1		1		1		1		1	
1/4	153,594	1/4	168,816	1/4	183,982	1/4	198,529	1/4	212,468	1/4		1/4		1/4		1/4		1/4	
1/2	153,911	1/2	169,133	1/2	184,292	1/2	198,823	1/2	212,781	1/2		1/2		1/2		1/2		1/2	
3/4	154,228	3/4	169,450	3/4	184,603	3/4	199,117	3/4	213,094	3/4		3/4		3/4		3/4		3/4	
2	154,545	2	169,767	2	184,914	2	199,410	2	213,407	2		2		2		2		2	
1/4	154,862	1/4	170,084	1/4	185,224	1/4	199,702	1/4	213,719	1/4		1/4		1/4		1/4		1/4	
1/2	155,180	1/2	170,401	1/2	185,533	1/2	199,994	1/2	214,032	1/2		1/2		1/2		1/2		1/2	
3/4	155,497	3/4	170,718	3/4	185,843	3/4	200,287	3/4	214,345	3/4		3/4		3/4		3/4		3/4	
3	155,814	3	171,035	3	186,152	3	200,579	3	214,658	3		3		3		3		3	
1/4	156,131	1/4	171,352	1/4	186,460	1/4	200,870	1/4	214,971	1/4		1/4		1/4		1/4		1/4	
1/2	156,448	1/2	171,670	1/2	186,768	1/2	201,161	1/2	215,284	1/2		1/2		1/2		1/2		1/2	
3/4	156,765	3/4	171,987	3/4	187,077	3/4	201,452	3/4	215,597	3/4		3/4		3/4		3/4		3/4	
4	157,082	4	172,304	4	187,385	4	201,742	4	215,910	4		4		4		4		4	
1/4	157,399	1/4	172,621	1/4	187,691	1/4	202,032	1/4	216,223	1/4		1/4		1/4		1/4		1/4	
1/2	157,717	1/2	172,938	1/2	187,998	1/2	202,321	1/2	216,536	1/2		1/2		1/2		1/2		1/2	
3/4	158,034	3/4	173,255	3/4	188,305	3/4	202,611	3/4	216,849	3/4		3/4		3/4		3/4		3/4	
5	158,351	5	173,572	5	188,611	5	202,900	5	217,162	5		5		5		5		5	
1/4	158,668	1/4	173,889	1/4	188,917	1/4	203,189	1/4	217,470	1/4		1/4		1/4		1/4		1/4	
1/2	158,985	1/2	174,207	1/2	189,222	1/2	203,477	1/2	217,777	1/2		1/2		1/2		1/2		1/2	
3/4	159,302	3/4	174,524	3/4	189,528	3/4	203,765	3/4	218,084	3/4		3/4		3/4		3/4		3/4	
6	159,619	6	174,841	6	189,833	6	204,053	6	218,391	6		6		6		6		6	
1/4	159,936	1/4	175,158	1/4	190,137	1/4	204,340	1/4	218,657	1/4		1/4		1/4		1/4		1/4	
1/2	160,253	1/2	175,475	1/2	190,441	1/2	204,626	1/2	218,923	1/2		1/2		1/2		1/2		1/2	
3/4	160,571	3/4	175,792	3/4	190,746	3/4	204,913	3/4	219,189	3/4		3/4		3/4		3/4		3/4	
7	160,888	7	176,109	7	191,050	7	205,200	7	219,454	7		7		7		7		7	
1/4	161,205	1/4	176,426	1/4	191,352	1/4	205,485	1/4	219,669	1/4		1/4		1/4		1/4		1/4	
1/2	161,522	1/2	176,743	1/2	191,655	1/2	205,771	1/2	219,884	1/2		1/2		1/2		1/2		1/2	
3/4	161,839	3/4	177,061	3/4	191,958	3/4	206,057	3/4	220,099	3/4		3/4		3/4		3/4		3/4	
8	162,156	8	177,378	8	192,261	8	206,342	8	220,314	8		8		8		8		8	
1/4	162,473	1/4	177,695	1/4	192,562	1/4	206,626	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,790	1/2	178,012	1/2	192,863	1/2	206,911	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,107	3/4	178,329	3/4	193,165	3/4	207,195	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,425	9	178,646	9	193,466	9	207,479	9		9		9		9		9		9	
1/4	163,742	1/4	178,962	1/4	193,766	1/4	207,762	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,059	1/2	179,278	1/2	194,066	1/2	208,045	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,376	3/4	179,594	3/4	194,366	3/4	208,328	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,693	10	179,910	10	194,666	10	208,611	10		10		10		10		10		10	
1/4	165,010	1/4	180,225	1/4	194,965	1/4	208,892	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,327	1/2	180,540	1/2	195,264	1/2	209,174	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,644	3/4	180,854	3/4	195,562	3/4	209,455	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,962	11	181,169	11	195,861	11	209,737	11		11		11		11		11		11	
1/4	166,279	1/4	181,483	1/4	196,159	1/4	210,031	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,596	1/2	181,796	1/2	196,456	1/2	210,324	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,913	3/4	182,109	3/4	196,754	3/4	210,618	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 391"

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	897	0	15,057	0	30,259	0	45,452	0	60,645	0	75,849	0	91,052	0	106,255	0	121,455	0	136,653
1/4	1,075	1/4	15,373	1/4	30,576	1/4	45,769	1/4	60,962	1/4	76,165	1/4	91,369	1/4	106,572	1/4	121,771	1/4	136,969
1/2	1,253	1/2	15,690	1/2	30,893	1/2	46,085	1/2	61,279	1/2	76,482	1/2	91,685	1/2	106,889	1/2	122,088	1/2	137,286
3/4	1,431	3/4	16,007	3/4	31,209	3/4	46,401	3/4	61,595	3/4	76,799	3/4	92,002	3/4	107,205	3/4	122,405	3/4	137,603
1	1,609	1	16,323	1	31,526	1	46,717	1	61,912	1	77,115	1	92,319	1	107,522	1	122,721	1	137,919
1/4	1,840	1/4	16,640	1/4	31,843	1/4	47,033	1/4	62,229	1/4	77,432	1/4	92,636	1/4	107,839	1/4	123,038	1/4	138,236
1/2	2,071	1/2	16,957	1/2	32,160	1/2	47,350	1/2	62,546	1/2	77,749	1/2	92,952	1/2	108,156	1/2	123,354	1/2	138,552
3/4	2,302	3/4	17,274	3/4	32,476	3/4	47,666	3/4	62,862	3/4	78,066	3/4	93,269	3/4	108,472	3/4	123,671	3/4	138,869
2	2,533	2	17,590	2	32,793	2	47,982	2	63,179	2	78,382	2	93,586	2	108,789	2	123,988	2	139,186
1/4	2,816	1/4	17,909	1/4	33,110	1/4	48,298	1/4	63,496	1/4	78,699	1/4	93,903	1/4	109,106	1/4	124,304	1/4	139,502
1/2	3,100	1/2	18,225	1/2	33,427	1/2	48,615	1/2	63,813	1/2	79,016	1/2	94,219	1/2	109,423	1/2	124,621	1/2	139,819
3/4	3,384	3/4	18,541	3/4	33,743	3/4	48,931	3/4	64,129	3/4	79,333	3/4	94,536	3/4	109,739	3/4	124,938	3/4	140,136
3	3,668	3	18,857	3	34,060	3	49,247	3	64,446	3	79,649	3	94,853	3	110,056	3	125,254	3	140,452
1/4	3,981	1/4	19,174	1/4	34,377	1/4	49,563	1/4	64,763	1/4	79,966	1/4	95,169	1/4	110,373	1/4	125,571	1/4	140,769
1/2	4,294	1/2	19,491	1/2	34,693	1/2	49,880	1/2	65,079	1/2	80,283	1/2	95,486	1/2	110,689	1/2	125,887	1/2	141,085
3/4	4,608	3/4	19,807	3/4	35,010	3/4	50,196	3/4	65,396	3/4	80,600	3/4	95,803	3/4	111,006	3/4	126,204	3/4	141,402
4	4,921	4	20,124	4	35,327	4	50,512	4	65,713	4	80,916	4	96,120	4	111,323	4	126,521	4	141,719
1/4	5,238	1/4	20,441	1/4	35,644	1/4	50,828	1/4	66,030	1/4	81,233	1/4	96,436	1/4	111,639	1/4	126,837	1/4	142,035
1/2	5,555	1/2	20,758	1/2	35,960	1/2	51,144	1/2	66,346	1/2	81,550	1/2	96,753	1/2	111,956	1/2	127,154	1/2	142,352
3/4	5,872	3/4	21,074	3/4	36,277	3/4	51,461	3/4	66,663	3/4	81,867	3/4	97,070	3/4	112,273	3/4	127,471	3/4	142,669
5	6,188	5	21,391	5	36,594	5	51,777	5	66,980	5	82,183	5	97,387	5	112,589	5	127,787	5	142,985
1/4	6,505	1/4	21,708	1/4	36,911	1/4	52,094	1/4	67,297	1/4	82,500	1/4	97,703	1/4	112,906	1/4	128,104	1/4	143,302
1/2	6,822	1/2	22,024	1/2	37,227	1/2	52,410	1/2	67,613	1/2	82,817	1/2	98,020	1/2	113,223	1/2	128,420	1/2	143,618
3/4	7,138	3/4	22,341	3/4	37,544	3/4	52,727	3/4	67,930	3/4	83,133	3/4	98,337	3/4	113,539	3/4	128,737	3/4	143,935
6	7,455	6	22,658	6	37,861	6	53,043	6	68,247	6	83,450	6	98,654	6	113,856	6	129,054	6	144,252
1/4	7,770	1/4	22,975	1/4	38,177	1/4	53,360	1/4	68,564	1/4	83,767	1/4	98,970	1/4	114,172	1/4	129,370	1/4	144,568
1/2	8,087	1/2	23,291	1/2	38,494	1/2	53,677	1/2	68,880	1/2	84,084	1/2	99,287	1/2	114,489	1/2	129,687	1/2	144,885
3/4	8,405	3/4	23,608	3/4	38,811	3/4	53,994	3/4	69,197	3/4	84,400	3/4	99,604	3/4	114,806	3/4	130,004	3/4	145,201
7	8,722	7	23,925	7	39,128	7	54,310	7	69,514	7	84,717	7	99,921	7	115,122	7	130,320	7	145,518
1/4	9,039	1/4	24,242	1/4	39,444	1/4	54,627	1/4	69,831	1/4	85,034	1/4	100,237	1/4	115,439	1/4	130,637	1/4	145,835
1/2	9,356	1/2	24,558	1/2	39,760	1/2	54,944	1/2	70,147	1/2	85,351	1/2	100,554	1/2	115,756	1/2	130,953	1/2	146,151
3/4	9,672	3/4	24,875	3/4	40,076	3/4	55,261	3/4	70,464	3/4	85,667	3/4	100,871	3/4	116,072	3/4	131,270	3/4	146,468
8	9,989	8	25,192	8	40,393	8	55,577	8	70,781	8	85,984	8	101,187	8	116,389	8	131,587	8	146,785
1/4	10,306	1/4	25,508	1/4	40,709	1/4	55,894	1/4	71,097	1/4	86,301	1/4	101,504	1/4	116,705	1/4	131,903	1/4	147,101
1/2	10,622	1/2	25,825	1/2	41,025	1/2	56,211	1/2	71,414	1/2	86,618	1/2	101,821	1/2	117,022	1/2	132,220	1/2	147,418
3/4	10,939	3/4	26,142	3/4	41,341	3/4	56,528	3/4	71,731	3/4	86,934	3/4	102,138	3/4	117,339	3/4	132,537	3/4	147,734
9	11,256	9	26,459	9	41,658	9	56,844	9	72,048	9	87,251	9	102,454	9	117,655	9	132,853	9	148,051
1/4	11,573	1/4	26,775	1/4	41,974	1/4	57,161	1/4	72,364	1/4	87,568	1/4	102,771	1/4	117,972	1/4	133,170	1/4	148,368
1/2	11,889	1/2	27,092	1/2	42,290	1/2	57,478	1/2	72,681	1/2	87,885	1/2	103,088	1/2	118,289	1/2	133,486	1/2	148,684
3/4	12,206	3/4	27,409	3/4	42,606	3/4	57,795	3/4	72,998	3/4	88,201	3/4	103,405	3/4	118,605	3/4	133,803	3/4	149,001
10	12,523	10	27,726	10	42,923	10	58,111	10	73,315	10	88,518	10	103,721	10	118,922	10	134,120	10	149,318
1/4	12,839	1/4	28,042	1/4	43,239	1/4	58,428	1/4	73,631	1/4	88,835	1/4	104,038	1/4	119,238	1/4	134,436	1/4	149,634
1/2	13,156	1/2	28,359	1/2	43,555	1/2	58,745	1/2	73,948	1/2	89,151	1/2	104,355	1/2	119,555	1/2	134,753	1/2	149,951
3/4	13,473	3/4	28,676	3/4	43,871	3/4	59,061	3/4	74,265	3/4	89,468	3/4	104,672	3/4	119,872	3/4	135,070	3/4	150,267
11	13,790	11	28,992	11	44,187	11	59,378	11	74,582	11	89,785	11	104,988	11	120,188	11	135,386	11	150,584
1/4	14,106	1/4	29,309	1/4	44,504	1/4	59,695	1/4	74,898	1/4	90,102	1/4	105,305	1/4	120,505	1/4	135,703	1/4	150,901
1/2	14,423	1/2	29,626	1/2	44,820	1/2	60,012	1/2	75,215	1/2	90,418	1/2	105,622	1/2	120,822	1/2	136,019	1/2	151,217
3/4	14,740	3/4	29,943	3/4	45,136	3/4	60,328	3/4	75,532	3/4	90,735	3/4	105,939	3/4	121,138	3/4	136,336	3/4	151,534

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 391"

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	151,851	0	167,048	0	182,217	0	196,823	0	210,661	0		0		0		0		0	
1/4	152,167	1/4	167,365	1/4	182,528	1/4	197,118	1/4	210,971	1/4		1/4		1/4		1/4		1/4	
1/2	152,484	1/2	167,682	1/2	182,840	1/2	197,414	1/2	211,281	1/2		1/2		1/2		1/2		1/2	
3/4	152,800	3/4	167,998	3/4	183,151	3/4	197,710	3/4	211,592	3/4		3/4		3/4		3/4		3/4	
1	153,117	1	168,315	1	183,463	1	198,005	1	211,902	1		1		1		1		1	
1/4	153,434	1/4	168,632	1/4	183,773	1/4	198,298	1/4	212,215	1/4		1/4		1/4		1/4		1/4	
1/2	153,750	1/2	168,948	1/2	184,084	1/2	198,591	1/2	212,527	1/2		1/2		1/2		1/2		1/2	
3/4	154,067	3/4	169,265	3/4	184,394	3/4	198,885	3/4	212,840	3/4		3/4		3/4		3/4		3/4	
2	154,384	2	169,581	2	184,704	2	199,178	2	213,152	2		2		2		2		2	
1/4	154,700	1/4	169,898	1/4	185,013	1/4	199,469	1/4	213,464	1/4		1/4		1/4		1/4		1/4	
1/2	155,017	1/2	170,215	1/2	185,322	1/2	199,761	1/2	213,777	1/2		1/2		1/2		1/2		1/2	
3/4	155,333	3/4	170,531	3/4	185,631	3/4	200,053	3/4	214,089	3/4		3/4		3/4		3/4		3/4	
3	155,650	3	170,848	3	185,941	3	200,345	3	214,402	3		3		3		3		3	
1/4	155,967	1/4	171,165	1/4	186,248	1/4	200,635	1/4	214,714	1/4		1/4		1/4		1/4		1/4	
1/2	156,283	1/2	171,481	1/2	186,556	1/2	200,925	1/2	215,027	1/2		1/2		1/2		1/2		1/2	
3/4	156,600	3/4	171,798	3/4	186,863	3/4	201,216	3/4	215,339	3/4		3/4		3/4		3/4		3/4	
4	156,917	4	172,114	4	187,171	4	201,506	4	215,652	4		4		4		4		4	
1/4	157,233	1/4	172,431	1/4	187,477	1/4	201,795	1/4	215,964	1/4		1/4		1/4		1/4		1/4	
1/2	157,550	1/2	172,748	1/2	187,784	1/2	202,084	1/2	216,277	1/2		1/2		1/2		1/2		1/2	
3/4	157,866	3/4	173,064	3/4	188,090	3/4	202,374	3/4	216,589	3/4		3/4		3/4		3/4		3/4	
5	158,183	5	173,381	5	188,396	5	202,663	5	216,902	5		5		5		5		5	
1/4	158,500	1/4	173,698	1/4	188,701	1/4	202,950	1/4	217,209	1/4		1/4		1/4		1/4		1/4	
1/2	158,816	1/2	174,014	1/2	189,006	1/2	203,238	1/2	217,515	1/2		1/2		1/2		1/2		1/2	
3/4	159,133	3/4	174,331	3/4	189,311	3/4	203,525	3/4	217,822	3/4		3/4		3/4		3/4		3/4	
6	159,450	6	174,647	6	189,616	6	203,813	6	218,129	6		6		6		6		6	
1/4	159,766	1/4	174,964	1/4	189,919	1/4	204,099	1/4	218,394	1/4		1/4		1/4		1/4		1/4	
1/2	160,083	1/2	175,281	1/2	190,223	1/2	204,386	1/2	218,660	1/2		1/2		1/2		1/2		1/2	
3/4	160,399	3/4	175,597	3/4	190,527	3/4	204,672	3/4	218,925	3/4		3/4		3/4		3/4		3/4	
7	160,716	7	175,914	7	190,830	7	204,958	7	219,191	7		7		7		7		7	
1/4	161,033	1/4	176,231	1/4	191,133	1/4	205,244	1/4	219,405	1/4		1/4		1/4		1/4		1/4	
1/2	161,349	1/2	176,547	1/2	191,435	1/2	205,529	1/2	219,620	1/2		1/2		1/2		1/2		1/2	
3/4	161,666	3/4	176,864	3/4	191,737	3/4	205,814	3/4	219,834	3/4		3/4		3/4		3/4		3/4	
8	161,983	8	177,180	8	192,040	8	206,099	8	220,049	8		8		8		8		8	
1/4	162,299	1/4	177,497	1/4	192,340	1/4	206,383	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,616	1/2	177,813	1/2	192,641	1/2	206,666	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,932	3/4	178,129	3/4	192,942	3/4	206,950	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,249	9	178,446	9	193,243	9	207,234	9		9		9		9		9		9	
1/4	163,566	1/4	178,761	1/4	193,543	1/4	207,517	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,882	1/2	179,077	1/2	193,842	1/2	207,799	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,199	3/4	179,393	3/4	194,142	3/4	208,081	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,516	10	179,708	10	194,441	10	208,364	10		10		10		10		10		10	
1/4	164,832	1/4	180,022	1/4	194,740	1/4	208,645	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,149	1/2	180,337	1/2	195,038	1/2	208,926	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,465	3/4	180,651	3/4	195,336	3/4	209,207	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,782	11	180,965	11	195,634	11	209,488	11		11		11		11		11		11	
1/4	166,099	1/4	181,278	1/4	195,931	1/4	209,781	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,415	1/2	181,591	1/2	196,229	1/2	210,075	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,732	3/4	181,904	3/4	196,526	3/4	210,368	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 391"

2 STBD 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	45,115	0	59,963	0	75,163	0	90,363	0	105,563	0	120,758	0	135,952
1/4	1,074	1/4	15,370	1/4	30,569	1/4	45,417	1/4	60,280	1/4	75,480	1/4	90,680	1/4	105,879	1/4	121,075	1/4	136,269
1/2	1,252	1/2	15,686	1/2	30,886	1/2	45,719	1/2	60,596	1/2	75,796	1/2	90,996	1/2	106,196	1/2	121,391	1/2	136,585
3/4	1,431	3/4	16,003	3/4	31,202	3/4	46,021	3/4	60,913	3/4	76,113	3/4	91,313	3/4	106,513	3/4	121,708	3/4	136,902
1	1,609	1	16,320	1	31,519	1	46,324	1	61,230	1	76,430	1	91,630	1	106,829	1	122,024	1	137,219
1/4	1,840	1/4	16,636	1/4	31,835	1/4	46,626	1/4	61,546	1/4	76,746	1/4	91,946	1/4	107,146	1/4	122,341	1/4	137,535
1/2	2,070	1/2	16,953	1/2	32,152	1/2	46,928	1/2	61,863	1/2	77,063	1/2	92,263	1/2	107,463	1/2	122,657	1/2	137,852
3/4	2,301	3/4	17,270	3/4	32,469	3/4	47,230	3/4	62,180	3/4	77,380	3/4	92,580	3/4	107,779	3/4	122,974	3/4	138,168
2	2,532	2	17,586	2	32,785	2	47,533	2	62,496	2	77,696	2	92,896	2	108,096	2	123,290	2	138,485
1/4	2,816	1/4	17,905	1/4	33,102	1/4	47,835	1/4	62,813	1/4	78,013	1/4	93,213	1/4	108,413	1/4	123,607	1/4	138,801
1/2	3,099	1/2	18,221	1/2	33,419	1/2	48,137	1/2	63,130	1/2	78,330	1/2	93,530	1/2	108,729	1/2	123,924	1/2	139,118
3/4	3,383	3/4	18,537	3/4	33,735	3/4	48,439	3/4	63,446	3/4	78,646	3/4	93,846	3/4	109,046	3/4	124,240	3/4	139,434
3	3,667	3	18,853	3	34,052	3	48,742	3	63,763	3	78,963	3	94,163	3	109,363	3	124,557	3	139,751
1/4	3,980	1/4	19,169	1/4	34,369	1/4	49,044	1/4	64,080	1/4	79,280	1/4	94,480	1/4	109,679	1/4	124,873	1/4	140,067
1/2	4,293	1/2	19,486	1/2	34,685	1/2	49,346	1/2	64,396	1/2	79,596	1/2	94,796	1/2	109,996	1/2	125,190	1/2	140,384
3/4	4,607	3/4	19,803	3/4	35,002	3/4	49,648	3/4	64,713	3/4	79,913	3/4	95,113	3/4	110,312	3/4	125,506	3/4	140,701
4	4,920	4	20,119	4	35,319	4	49,950	4	65,030	4	80,230	4	95,430	4	110,629	4	125,823	4	141,017
1/4	5,237	1/4	20,436	1/4	35,635	1/4	50,253	1/4	65,346	1/4	80,546	1/4	95,746	1/4	110,944	1/4	126,139	1/4	141,334
1/2	5,553	1/2	20,753	1/2	35,952	1/2	50,555	1/2	65,663	1/2	80,863	1/2	96,063	1/2	111,261	1/2	126,456	1/2	141,650
3/4	5,870	3/4	21,069	3/4	36,269	3/4	50,857	3/4	65,980	3/4	81,180	3/4	96,380	3/4	111,578	3/4	126,772	3/4	141,967
5	6,187	5	21,386	5	36,585	5	51,159	5	66,296	5	81,496	5	96,696	5	111,895	5	127,089	5	142,283
1/4	6,503	1/4	21,703	1/4	36,902	1/4	51,462	1/4	66,613	1/4	81,813	1/4	97,013	1/4	112,211	1/4	127,406	1/4	142,600
1/2	6,820	1/2	22,019	1/2	37,219	1/2	51,765	1/2	66,930	1/2	82,130	1/2	97,330	1/2	112,528	1/2	127,722	1/2	142,916
3/4	7,137	3/4	22,336	3/4	37,535	3/4	52,067	3/4	67,246	3/4	82,446	3/4	97,646	3/4	112,844	3/4	128,039	3/4	143,233
6	7,453	6	22,653	6	37,852	6	52,370	6	67,563	6	82,763	6	97,963	6	113,161	6	128,355	6	143,549
1/4	7,768	1/4	22,969	1/4	38,156	1/4	52,685	1/4	67,880	1/4	83,080	1/4	98,280	1/4	113,478	1/4	128,672	1/4	143,866
1/2	8,085	1/2	23,286	1/2	38,461	1/2	53,000	1/2	68,196	1/2	83,396	1/2	98,596	1/2	113,794	1/2	128,988	1/2	144,183
3/4	8,403	3/4	23,603	3/4	38,765	3/4	53,315	3/4	68,513	3/4	83,713	3/4	98,913	3/4	114,111	3/4	129,305	3/4	144,499
7	8,720	7	23,919	7	39,070	7	53,630	7	68,830	7	84,030	7	99,230	7	114,427	7	129,621	7	144,816
1/4	9,037	1/4	24,236	1/4	39,372	1/4	53,947	1/4	69,146	1/4	84,346	1/4	99,546	1/4	114,744	1/4	129,938	1/4	145,132
1/2	9,353	1/2	24,552	1/2	39,674	1/2	54,263	1/2	69,463	1/2	84,663	1/2	99,863	1/2	115,060	1/2	130,255	1/2	145,449
3/4	9,670	3/4	24,869	3/4	39,977	3/4	54,580	3/4	69,780	3/4	84,980	3/4	100,180	3/4	115,377	3/4	130,571	3/4	145,765
8	9,987	8	25,186	8	40,279	8	54,897	8	70,096	8	85,296	8	100,496	8	115,693	8	130,888	8	146,082
1/4	10,303	1/4	25,502	1/4	40,581	1/4	55,213	1/4	70,413	1/4	85,613	1/4	100,813	1/4	116,012	1/4	131,204	1/4	146,398
1/2	10,620	1/2	25,819	1/2	40,883	1/2	55,530	1/2	70,730	1/2	85,930	1/2	101,129	1/2	116,328	1/2	131,521	1/2	146,715
3/4	10,937	3/4	26,136	3/4	41,186	3/4	55,847	3/4	71,046	3/4	86,246	3/4	101,446	3/4	116,644	3/4	131,837	3/4	147,031
9	11,253	9	26,452	9	41,488	9	56,163	9	71,363	9	86,563	9	101,763	9	116,960	9	132,154	9	147,348
1/4	11,570	1/4	26,769	1/4	41,790	1/4	56,480	1/4	71,680	1/4	86,880	1/4	102,079	1/4	117,276	1/4	132,470	1/4	147,665
1/2	11,886	1/2	27,086	1/2	42,092	1/2	56,796	1/2	71,996	1/2	87,196	1/2	102,396	1/2	117,593	1/2	132,787	1/2	147,981
3/4	12,203	3/4	27,402	3/4	42,395	3/4	57,113	3/4	72,313	3/4	87,513	3/4	102,713	3/4	117,909	3/4	133,103	3/4	148,298
10	12,520	10	27,719	10	42,697	10	57,430	10	72,630	10	87,830	10	103,029	10	118,226	10	133,420	10	148,614
1/4	12,836	1/4	28,036	1/4	42,999	1/4	57,746	1/4	72,946	1/4	88,146	1/4	103,346	1/4	118,542	1/4	133,737	1/4	148,931
1/2	13,153	1/2	28,352	1/2	43,301	1/2	58,063	1/2	73,263	1/2	88,463	1/2	103,663	1/2	118,859	1/2	134,053	1/2	149,247
3/4	13,470	3/4	28,669	3/4	43,603	3/4	58,380	3/4	73,580	3/4	88,780	3/4	103,979	3/4	119,175	3/4	134,370	3/4	149,564
11	13,786	11	28,986	11	43,906	11	58,696	11	73,896	11	89,096	11	104,296	11	119,492	11	134,686	11	149,880
1/4	14,103	1/4	29,302	1/4	44,208	1/4	59,013	1/4	74,213	1/4	89,413	1/4	104,613	1/4	119,808	1/4	135,003	1/4	150,197
1/2	14,420	1/2	29,619	1/2	44,510	1/2	59,330	1/2	74,530	1/2	89,730	1/2	104,929	1/2	120,125	1/2	135,319	1/2	150,513
3/4	14,736	3/4	29,936	3/4	44,812	3/4	59,646	3/4	74,846	3/4	90,046	3/4	105,246	3/4	120,442	3/4	135,636	3/4	150,830

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 391"

**2 STBD
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	151,147	0	166,341	0	181,506	0	196,108	0	209,944	0		0		0		0		0	
1/4	151,463	1/4	166,657	1/4	181,817	1/4	196,404	1/4	210,254	1/4		1/4		1/4		1/4		1/4	
1/2	151,780	1/2	166,974	1/2	182,129	1/2	196,699	1/2	210,564	1/2		1/2		1/2		1/2		1/2	
3/4	152,096	3/4	167,290	3/4	182,440	3/4	196,995	3/4	210,874	3/4		3/4		3/4		3/4		3/4	
1	152,413	1	167,607	1	182,752	1	197,291	1	211,185	1		1		1		1		1	
1/4	152,729	1/4	167,924	1/4	183,062	1/4	197,584	1/4	211,497	1/4		1/4		1/4		1/4		1/4	
1/2	153,046	1/2	168,240	1/2	183,372	1/2	197,877	1/2	211,809	1/2		1/2		1/2		1/2		1/2	
3/4	153,362	3/4	168,557	3/4	183,682	3/4	198,170	3/4	212,122	3/4		3/4		3/4		3/4		3/4	
2	153,679	2	168,873	2	183,993	2	198,463	2	212,434	2		2		2		2		2	
1/4	153,996	1/4	169,190	1/4	184,302	1/4	198,755	1/4	212,747	1/4		1/4		1/4		1/4		1/4	
1/2	154,312	1/2	169,506	1/2	184,611	1/2	199,046	1/2	213,059	1/2		1/2		1/2		1/2		1/2	
3/4	154,629	3/4	169,823	3/4	184,920	3/4	199,338	3/4	213,372	3/4		3/4		3/4		3/4		3/4	
3	154,945	3	170,139	3	185,229	3	199,630	3	213,684	3		3		3		3		3	
1/4	155,262	1/4	170,456	1/4	185,536	1/4	199,920	1/4	213,996	1/4		1/4		1/4		1/4		1/4	
1/2	155,578	1/2	170,772	1/2	185,844	1/2	200,210	1/2	214,309	1/2		1/2		1/2		1/2		1/2	
3/4	155,895	3/4	171,089	3/4	186,151	3/4	200,501	3/4	214,621	3/4		3/4		3/4		3/4		3/4	
4	156,211	4	171,406	4	186,459	4	200,791	4	214,934	4		4		4		4		4	
1/4	156,528	1/4	171,722	1/4	186,765	1/4	201,080	1/4	215,246	1/4		1/4		1/4		1/4		1/4	
1/2	156,844	1/2	172,039	1/2	187,071	1/2	201,369	1/2	215,558	1/2		1/2		1/2		1/2		1/2	
3/4	157,161	3/4	172,355	3/4	187,377	3/4	201,658	3/4	215,871	3/4		3/4		3/4		3/4		3/4	
5	157,478	5	172,672	5	187,683	5	201,947	5	216,183	5		5		5		5		5	
1/4	157,794	1/4	172,988	1/4	187,988	1/4	202,235	1/4	216,490	1/4		1/4		1/4		1/4		1/4	
1/2	158,111	1/2	173,305	1/2	188,293	1/2	202,522	1/2	216,797	1/2		1/2		1/2		1/2		1/2	
3/4	158,427	3/4	173,621	3/4	188,598	3/4	202,810	3/4	217,103	3/4		3/4		3/4		3/4		3/4	
6	158,744	6	173,938	6	188,903	6	203,097	6	217,410	6		6		6		6		6	
1/4	159,060	1/4	174,255	1/4	189,207	1/4	203,384	1/4	217,675	1/4		1/4		1/4		1/4		1/4	
1/2	159,377	1/2	174,571	1/2	189,510	1/2	203,670	1/2	217,941	1/2		1/2		1/2		1/2		1/2	
3/4	159,693	3/4	174,888	3/4	189,814	3/4	203,956	3/4	218,206	3/4		3/4		3/4		3/4		3/4	
7	160,010	7	175,204	7	190,117	7	204,242	7	218,471	7		7		7		7		7	
1/4	160,326	1/4	175,521	1/4	190,420	1/4	204,527	1/4	218,686	1/4		1/4		1/4		1/4		1/4	
1/2	160,643	1/2	175,837	1/2	190,722	1/2	204,812	1/2	218,900	1/2		1/2		1/2		1/2		1/2	
3/4	160,960	3/4	176,154	3/4	191,024	3/4	205,097	3/4	219,115	3/4		3/4		3/4		3/4		3/4	
8	161,276	8	176,470	8	191,326	8	205,383	8	219,329	8		8		8		8		8	
1/4	161,593	1/4	176,787	1/4	191,627	1/4	205,666	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,909	1/2	177,103	1/2	191,928	1/2	205,950	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,226	3/4	177,419	3/4	192,229	3/4	206,234	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,542	9	177,736	9	192,529	9	206,518	9		9		9		9		9		9	
1/4	162,859	1/4	178,051	1/4	192,829	1/4	206,800	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,175	1/2	178,367	1/2	193,128	1/2	207,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,492	3/4	178,682	3/4	193,428	3/4	207,365	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,808	10	178,998	10	193,727	10	207,647	10		10		10		10		10		10	
1/4	164,125	1/4	179,312	1/4	194,026	1/4	207,928	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,442	1/2	179,626	1/2	194,324	1/2	208,209	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,758	3/4	179,940	3/4	194,622	3/4	208,490	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,075	11	180,255	11	194,920	11	208,771	11		11		11		11		11		11	
1/4	165,391	1/4	180,567	1/4	195,217	1/4	209,065	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,708	1/2	180,880	1/2	195,514	1/2	209,358	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,024	3/4	181,193	3/4	195,811	3/4	209,651	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 391"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 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	892	0	14,977	0	30,100	0	45,214	0	60,331	0	75,454	0	90,576	0	105,696	0	120,808	0	135,883
1/4	1,069	1/4	15,293	1/4	30,415	1/4	45,529	1/4	60,646	1/4	75,769	1/4	90,891	1/4	106,011	1/4	121,122	1/4	136,196
1/2	1,246	1/2	15,608	1/2	30,730	1/2	45,844	1/2	60,961	1/2	76,084	1/2	91,206	1/2	106,326	1/2	121,437	1/2	136,509
3/4	1,424	3/4	15,923	3/4	31,045	3/4	46,158	3/4	61,276	3/4	76,399	3/4	91,521	3/4	106,641	3/4	121,751	3/4	136,822
1	1,601	1	16,238	1	31,360	1	46,473	1	61,591	1	76,715	1	91,836	1	106,956	1	122,066	1	137,134
1/4	1,830	1/4	16,553	1/4	31,676	1/4	46,788	1/4	61,906	1/4	77,030	1/4	92,151	1/4	107,271	1/4	122,380	1/4	137,447
1/2	2,060	1/2	16,868	1/2	31,991	1/2	47,102	1/2	62,221	1/2	77,345	1/2	92,466	1/2	107,586	1/2	122,694	1/2	137,760
3/4	2,290	3/4	17,183	3/4	32,306	3/4	47,417	3/4	62,536	3/4	77,660	3/4	92,781	3/4	107,901	3/4	123,009	3/4	138,073
2	2,520	2	17,498	2	32,621	2	47,732	2	62,851	2	77,975	2	93,096	2	108,216	2	123,323	2	138,386
1/4	2,802	1/4	17,815	1/4	32,936	1/4	48,046	1/4	63,166	1/4	78,290	1/4	93,411	1/4	108,531	1/4	123,638	1/4	138,699
1/2	3,084	1/2	18,130	1/2	33,251	1/2	48,361	1/2	63,482	1/2	78,605	1/2	93,726	1/2	108,846	1/2	123,952	1/2	139,012
3/4	3,366	3/4	18,444	3/4	33,566	3/4	48,676	3/4	63,797	3/4	78,920	3/4	94,041	3/4	109,161	3/4	124,266	3/4	139,325
3	3,649	3	18,758	3	33,881	3	48,990	3	64,112	3	79,235	3	94,356	3	109,476	3	124,581	3	139,638
1/4	3,960	1/4	19,073	1/4	34,196	1/4	49,305	1/4	64,427	1/4	79,550	1/4	94,671	1/4	109,791	1/4	124,895	1/4	139,952
1/2	4,272	1/2	19,388	1/2	34,511	1/2	49,620	1/2	64,742	1/2	79,865	1/2	94,986	1/2	110,106	1/2	125,210	1/2	140,265
3/4	4,584	3/4	19,703	3/4	34,826	3/4	49,935	3/4	65,057	3/4	80,180	3/4	95,301	3/4	110,421	3/4	125,524	3/4	140,579
4	4,896	4	20,018	4	35,141	4	50,249	4	65,372	4	80,495	4	95,616	4	110,736	4	125,838	4	140,892
1/4	5,211	1/4	20,333	1/4	35,456	1/4	50,564	1/4	65,687	1/4	80,810	1/4	95,931	1/4	111,051	1/4	126,153	1/4	141,206
1/2	5,526	1/2	20,648	1/2	35,771	1/2	50,879	1/2	66,002	1/2	81,126	1/2	96,246	1/2	111,366	1/2	126,467	1/2	141,520
3/4	5,841	3/4	20,964	3/4	36,086	3/4	51,194	3/4	66,317	3/4	81,441	3/4	96,561	3/4	111,681	3/4	126,782	3/4	141,833
5	6,156	5	21,279	5	36,401	5	51,509	5	66,632	5	81,756	5	96,876	5	111,996	5	127,096	5	142,147
1/4	6,471	1/4	21,594	1/4	36,716	1/4	51,824	1/4	66,947	1/4	82,071	1/4	97,191	1/4	112,310	1/4	127,410	1/4	142,460
1/2	6,786	1/2	21,909	1/2	37,032	1/2	52,139	1/2	67,262	1/2	82,386	1/2	97,506	1/2	112,625	1/2	127,725	1/2	142,774
3/4	7,101	3/4	22,224	3/4	37,347	3/4	52,454	3/4	67,577	3/4	82,701	3/4	97,821	3/4	112,940	3/4	128,039	3/4	143,088
6	7,416	6	22,539	6	37,662	6	52,769	6	67,893	6	83,016	6	98,136	6	113,255	6	128,353	6	143,401
1/4	7,729	1/4	22,854	1/4	37,976	1/4	53,084	1/4	68,208	1/4	83,331	1/4	98,451	1/4	113,570	1/4	128,668	1/4	143,715
1/2	8,045	1/2	23,169	1/2	38,291	1/2	53,399	1/2	68,523	1/2	83,646	1/2	98,766	1/2	113,885	1/2	128,982	1/2	144,029
3/4	8,361	3/4	23,484	3/4	38,606	3/4	53,714	3/4	68,838	3/4	83,961	3/4	99,081	3/4	114,200	3/4	129,297	3/4	144,342
7	8,676	7	23,799	7	38,921	7	54,029	7	69,153	7	84,276	7	99,396	7	114,515	7	129,611	7	144,656
1/4	8,991	1/4	24,114	1/4	39,236	1/4	54,344	1/4	69,468	1/4	84,591	1/4	99,711	1/4	114,830	1/4	129,925	1/4	144,969
1/2	9,306	1/2	24,429	1/2	39,550	1/2	54,660	1/2	69,783	1/2	84,906	1/2	100,026	1/2	115,145	1/2	130,240	1/2	145,283
3/4	9,621	3/4	24,744	3/4	39,865	3/4	54,975	3/4	70,098	3/4	85,221	3/4	100,341	3/4	115,460	3/4	130,554	3/4	145,597
8	9,937	8	25,059	8	40,180	8	55,290	8	70,413	8	85,537	8	100,656	8	115,775	8	130,869	8	145,910
1/4	10,252	1/4	25,374	1/4	40,494	1/4	55,605	1/4	70,728	1/4	85,851	1/4	100,971	1/4	116,090	1/4	131,183	1/4	146,224
1/2	10,567	1/2	25,689	1/2	40,809	1/2	55,920	1/2	71,043	1/2	86,166	1/2	101,286	1/2	116,405	1/2	131,497	1/2	146,538
3/4	10,882	3/4	26,004	3/4	41,124	3/4	56,235	3/4	71,358	3/4	86,481	3/4	101,601	3/4	116,720	3/4	131,812	3/4	146,851
9	11,197	9	26,320	9	41,438	9	56,550	9	71,673	9	86,796	9	101,916	9	117,035	9	132,126	9	147,165
1/4	11,512	1/4	26,635	1/4	41,753	1/4	56,865	1/4	71,988	1/4	87,111	1/4	102,231	1/4	117,349	1/4	132,439	1/4	147,352
1/2	11,827	1/2	26,950	1/2	42,068	1/2	57,180	1/2	72,304	1/2	87,426	1/2	102,546	1/2	117,664	1/2	132,753	1/2	147,540
3/4	12,142	3/4	27,265	3/4	42,382	3/4	57,495	3/4	72,619	3/4	87,741	3/4	102,861	3/4	117,978	3/4	133,066	3/4	147,728
10	12,457	10	27,580	10	42,697	10	57,810	10	72,934	10	88,056	10	103,176	10	118,293	10	133,379	10	147,915
1/4	12,772	1/4	27,895	1/4	43,012	1/4	58,125	1/4	73,249	1/4	88,371	1/4	103,491	1/4	118,607	1/4	133,692	1/4	148,085
1/2	13,087	1/2	28,210	1/2	43,326	1/2	58,440	1/2	73,564	1/2	88,686	1/2	103,806	1/2	118,922	1/2	134,005	1/2	148,254
3/4	13,402	3/4	28,525	3/4	43,641	3/4	58,755	3/4	73,879	3/4	89,001	3/4	104,121	3/4	119,236	3/4	134,318	3/4	148,424
11	13,717	11	28,840	11	43,956	11	59,071	11	74,194	11	89,316	11	104,436	11	119,550	11	134,631	11	148,594
1/4	14,032	1/4	29,155	1/4	44,270	1/4	59,386	1/4	74,509	1/4	89,631	1/4	104,751	1/4	119,865	1/4	134,944	1/4	148,763
1/2	14,347	1/2	29,470	1/2	44,585	1/2	59,701	1/2	74,824	1/2	89,946	1/2	105,066	1/2	120,179	1/2	135,257	1/2	148,933
3/4	14,662	3/4	29,785	3/4	44,900	3/4	60,016	3/4	75,139	3/4	90,261	3/4	105,381	3/4	120,494	3/4	135,570	3/4	149,103

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
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 391"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 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	149,272	0	157,414	0	165,528	0	173,081	0	179,901	0		0		0		0		0	
1/4	149,442	1/4	157,584	1/4	165,692	1/4	173,230	1/4	180,066	1/4		1/4		1/4		1/4		1/4	
1/2	149,612	1/2	157,754	1/2	165,857	1/2	173,378	1/2	180,231	1/2		1/2		1/2		1/2		1/2	
3/4	149,781	3/4	157,923	3/4	166,021	3/4	173,527	3/4	180,396	3/4		3/4		3/4		3/4		3/4	
1	149,951	1	158,093	1	166,186	1	173,676	1	180,562	1		1		1		1		1	
1/4	150,120	1/4	158,263	1/4	166,349	1/4	173,823	1/4	180,729	1/4		1/4		1/4		1/4		1/4	
1/2	150,290	1/2	158,432	1/2	166,513	1/2	173,970	1/2	180,896	1/2		1/2		1/2		1/2		1/2	
3/4	150,460	3/4	158,602	3/4	166,676	3/4	174,116	3/4	181,064	3/4		3/4		3/4		3/4		3/4	
2	150,629	2	158,771	2	166,839	2	174,263	2	181,231	2		2		2		2		2	
1/4	150,799	1/4	158,941	1/4	167,002	1/4	174,409	1/4	181,399	1/4		1/4		1/4		1/4		1/4	
1/2	150,969	1/2	159,111	1/2	167,164	1/2	174,554	1/2	181,566	1/2		1/2		1/2		1/2		1/2	
3/4	151,138	3/4	159,280	3/4	167,326	3/4	174,700	3/4	181,733	3/4		3/4		3/4		3/4		3/4	
3	151,308	3	159,450	3	167,488	3	174,845	3	181,901	3		3		3		3		3	
1/4	151,477	1/4	159,620	1/4	167,649	1/4	174,989	1/4	182,068	1/4		1/4		1/4		1/4		1/4	
1/2	151,647	1/2	159,789	1/2	167,809	1/2	175,133	1/2	182,236	1/2		1/2		1/2		1/2		1/2	
3/4	151,817	3/4	159,959	3/4	167,970	3/4	175,278	3/4	182,403	3/4		3/4		3/4		3/4		3/4	
4	151,986	4	160,128	4	168,131	4	175,422	4	182,570	4		4		4		4		4	
1/4	152,156	1/4	160,298	1/4	168,290	1/4	175,565	1/4	182,738	1/4		1/4		1/4		1/4		1/4	
1/2	152,326	1/2	160,468	1/2	168,449	1/2	175,707	1/2	182,905	1/2		1/2		1/2		1/2		1/2	
3/4	152,495	3/4	160,637	3/4	168,608	3/4	175,850	3/4	183,073	3/4		3/4		3/4		3/4		3/4	
5	152,665	5	160,807	5	168,768	5	175,993	5	183,240	5		5		5		5		5	
1/4	152,834	1/4	160,977	1/4	168,926	1/4	176,134	1/4	183,402	1/4		1/4		1/4		1/4		1/4	
1/2	153,004	1/2	161,146	1/2	169,084	1/2	176,276	1/2	183,564	1/2		1/2		1/2		1/2		1/2	
3/4	153,174	3/4	161,316	3/4	169,242	3/4	176,417	3/4	183,725	3/4		3/4		3/4		3/4		3/4	
6	153,343	6	161,486	6	169,400	6	176,559	6	183,887	6		6		6		6		6	
1/4	153,513	1/4	161,655	1/4	169,557	1/4	176,699	1/4	184,008	1/4		1/4		1/4		1/4		1/4	
1/2	153,683	1/2	161,825	1/2	169,713	1/2	176,839	1/2	184,129	1/2		1/2		1/2		1/2		1/2	
3/4	153,852	3/4	161,994	3/4	169,870	3/4	176,979	3/4	184,249	3/4		3/4		3/4		3/4		3/4	
7	154,022	7	162,164	7	170,027	7	177,119	7	184,370	7		7		7		7		7	
1/4	154,191	1/4	162,334	1/4	170,182	1/4	177,258	1/4	184,439	1/4		1/4		1/4		1/4		1/4	
1/2	154,361	1/2	162,503	1/2	170,338	1/2	177,397	1/2	184,509	1/2		1/2		1/2		1/2		1/2	
3/4	154,531	3/4	162,673	3/4	170,493	3/4	177,536	3/4	184,578	3/4		3/4		3/4		3/4		3/4	
8	154,700	8	162,843	8	170,648	8	177,674	8	184,648	8		8		8		8		8	
1/4	154,870	1/4	163,012	1/4	170,802	1/4	177,812	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,040	1/2	163,181	1/2	170,956	1/2	177,950	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,209	3/4	163,351	3/4	171,110	3/4	178,087	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,379	9	163,520	9	171,264	9	178,225	9		9		9		9		9		9	
1/4	155,549	1/4	163,689	1/4	171,417	1/4	178,361	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,718	1/2	163,858	1/2	171,569	1/2	178,497	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,888	3/4	164,026	3/4	171,722	3/4	178,633	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,057	10	164,195	10	171,875	10	178,770	10		10		10		10		10		10	
1/4	156,227	1/4	164,362	1/4	172,026	1/4	178,904	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,397	1/2	164,529	1/2	172,177	1/2	179,039	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,566	3/4	164,697	3/4	172,329	3/4	179,174	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,736	11	164,864	11	172,480	11	179,309	11		11		11		11		11		11	
1/4	156,906	1/4	165,030	1/4	172,630	1/4	179,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,075	1/2	165,196	1/2	172,781	1/2	179,605	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,245	3/4	165,362	3/4	172,931	3/4	179,753	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 391"

3 STBD 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	892	0	14,959	0	30,062	0	44,680	0	59,507	0	74,583	0	89,681	0	104,776	0	119,864	0	134,906
1/4	1,069	1/4	15,274	1/4	30,377	1/4	44,981	1/4	59,819	1/4	74,898	1/4	89,996	1/4	105,091	1/4	120,177	1/4	135,219
1/2	1,247	1/2	15,589	1/2	30,692	1/2	45,281	1/2	60,131	1/2	75,213	1/2	90,310	1/2	105,405	1/2	120,491	1/2	135,531
3/4	1,424	3/4	15,903	3/4	31,006	3/4	45,582	3/4	60,443	3/4	75,527	3/4	90,625	3/4	105,720	3/4	120,805	3/4	135,844
1	1,601	1	16,218	1	31,321	1	45,882	1	60,755	1	75,842	1	90,939	1	106,034	1	121,119	1	136,156
1/4	1,831	1/4	16,533	1/4	31,635	1/4	46,183	1/4	61,066	1/4	76,156	1/4	91,254	1/4	106,349	1/4	121,433	1/4	136,468
1/2	2,060	1/2	16,847	1/2	31,950	1/2	46,483	1/2	61,378	1/2	76,471	1/2	91,568	1/2	106,663	1/2	121,746	1/2	136,781
3/4	2,289	3/4	17,162	3/4	32,265	3/4	46,784	3/4	61,690	3/4	76,785	3/4	91,883	3/4	106,978	3/4	122,060	3/4	137,093
2	2,519	2	17,477	2	32,579	2	47,084	2	62,002	2	77,100	2	92,197	2	107,292	2	122,374	2	137,406
1/4	2,800	1/4	17,793	1/4	32,894	1/4	47,385	1/4	62,317	1/4	77,415	1/4	92,511	1/4	107,607	1/4	122,687	1/4	137,718
1/2	3,081	1/2	18,107	1/2	33,209	1/2	47,685	1/2	62,631	1/2	77,729	1/2	92,826	1/2	107,921	1/2	123,001	1/2	138,031
3/4	3,363	3/4	18,421	3/4	33,523	3/4	47,986	3/4	62,945	3/4	78,044	3/4	93,140	3/4	108,236	3/4	123,314	3/4	138,343
3	3,644	3	18,735	3	33,838	3	48,286	3	63,259	3	78,358	3	93,455	3	108,550	3	123,628	3	138,656
1/4	3,956	1/4	19,050	1/4	34,142	1/4	48,597	1/4	63,574	1/4	78,673	1/4	93,769	1/4	108,865	1/4	123,941	1/4	138,969
1/2	4,267	1/2	19,364	1/2	34,446	1/2	48,908	1/2	63,888	1/2	78,987	1/2	94,084	1/2	109,179	1/2	124,255	1/2	139,282
3/4	4,578	3/4	19,679	3/4	34,751	3/4	49,219	3/4	64,203	3/4	79,302	3/4	94,398	3/4	109,493	3/4	124,569	3/4	139,595
4	4,890	4	19,994	4	35,055	4	49,530	4	64,518	4	79,616	4	94,713	4	109,808	4	124,882	4	139,908
1/4	5,205	1/4	20,308	1/4	35,357	1/4	49,841	1/4	64,832	1/4	79,931	1/4	95,027	1/4	110,121	1/4	125,196	1/4	140,221
1/2	5,519	1/2	20,623	1/2	35,658	1/2	50,152	1/2	65,147	1/2	80,246	1/2	95,342	1/2	110,436	1/2	125,509	1/2	140,534
3/4	5,834	3/4	20,938	3/4	35,960	3/4	50,463	3/4	65,461	3/4	80,560	3/4	95,656	3/4	110,751	3/4	125,823	3/4	140,847
5	6,149	5	21,252	5	36,262	5	50,775	5	65,776	5	80,875	5	95,971	5	111,066	5	126,136	5	141,160
1/4	6,464	1/4	21,567	1/4	36,563	1/4	51,086	1/4	66,090	1/4	81,189	1/4	96,285	1/4	111,380	1/4	126,450	1/4	141,473
1/2	6,778	1/2	21,881	1/2	36,865	1/2	51,397	1/2	66,405	1/2	81,504	1/2	96,600	1/2	111,694	1/2	126,764	1/2	141,786
3/4	7,093	3/4	22,196	3/4	37,166	3/4	51,709	3/4	66,719	3/4	81,818	3/4	96,914	3/4	112,009	3/4	127,077	3/4	142,099
6	7,408	6	22,511	6	37,468	6	52,020	6	67,034	6	82,133	6	97,229	6	112,323	6	127,391	6	142,413
1/4	7,720	1/4	22,825	1/4	37,769	1/4	52,332	1/4	67,349	1/4	82,447	1/4	97,543	1/4	112,638	1/4	127,704	1/4	142,726
1/2	8,036	1/2	23,140	1/2	38,069	1/2	52,644	1/2	67,663	1/2	82,762	1/2	97,858	1/2	112,952	1/2	128,018	1/2	143,039
3/4	8,351	3/4	23,455	3/4	38,370	3/4	52,955	3/4	67,978	3/4	83,077	3/4	98,172	3/4	113,267	3/4	128,331	3/4	143,352
7	8,666	7	23,769	7	38,671	7	53,267	7	68,292	7	83,391	7	98,487	7	113,581	7	128,645	7	143,665
1/4	8,981	1/4	24,084	1/4	38,971	1/4	53,579	1/4	68,607	1/4	83,706	1/4	98,801	1/4	113,895	1/4	128,959	1/4	143,978
1/2	9,296	1/2	24,399	1/2	39,272	1/2	53,891	1/2	68,921	1/2	84,020	1/2	99,116	1/2	114,210	1/2	129,273	1/2	144,291
3/4	9,610	3/4	24,713	3/4	39,572	3/4	54,203	3/4	69,236	3/4	84,335	3/4	99,430	3/4	114,524	3/4	129,587	3/4	144,604
8	9,925	8	25,028	8	39,873	8	54,515	8	69,551	8	84,649	8	99,745	8	114,839	8	129,900	8	144,917
1/4	10,240	1/4	25,343	1/4	40,173	1/4	54,827	1/4	69,865	1/4	84,964	1/4	100,059	1/4	115,155	1/4	130,214	1/4	145,231
1/2	10,554	1/2	25,657	1/2	40,474	1/2	55,139	1/2	70,180	1/2	85,278	1/2	100,374	1/2	115,469	1/2	130,528	1/2	145,544
3/4	10,869	3/4	25,972	3/4	40,774	3/4	55,451	3/4	70,494	3/4	85,593	3/4	100,688	3/4	115,783	3/4	130,842	3/4	145,857
9	11,184	9	26,286	9	41,075	9	55,763	9	70,809	9	85,907	9	101,003	9	116,097	9	131,156	9	146,170
1/4	11,498	1/4	26,601	1/4	41,375	1/4	56,075	1/4	71,123	1/4	86,222	1/4	101,317	1/4	116,411	1/4	131,469	1/4	146,357
1/2	11,813	1/2	26,916	1/2	41,676	1/2	56,387	1/2	71,438	1/2	86,536	1/2	101,632	1/2	116,725	1/2	131,781	1/2	146,544
3/4	12,128	3/4	27,230	3/4	41,976	3/4	56,699	3/4	71,752	3/4	86,851	3/4	101,946	3/4	117,039	3/4	132,094	3/4	146,731
10	12,442	10	27,545	10	42,276	10	57,011	10	72,067	10	87,165	10	102,261	10	117,352	10	132,407	10	146,918
1/4	12,757	1/4	27,860	1/4	42,577	1/4	57,323	1/4	72,382	1/4	87,480	1/4	102,575	1/4	117,666	1/4	132,719	1/4	147,087
1/2	13,071	1/2	28,174	1/2	42,877	1/2	57,635	1/2	72,696	1/2	87,794	1/2	102,889	1/2	117,980	1/2	133,031	1/2	147,256
3/4	13,386	3/4	28,489	3/4	43,178	3/4	57,947	3/4	73,011	3/4	88,109	3/4	103,204	3/4	118,294	3/4	133,344	3/4	147,425
11	13,701	11	28,804	11	43,478	11	58,259	11	73,325	11	88,423	11	103,518	11	118,608	11	133,656	11	147,594
1/4	14,015	1/4	29,118	1/4	43,779	1/4	58,571	1/4	73,640	1/4	88,738	1/4	103,833	1/4	118,922	1/4	133,969	1/4	147,763
1/2	14,330	1/2	29,433	1/2	44,079	1/2	58,883	1/2	73,954	1/2	89,052	1/2	104,147	1/2	119,236	1/2	134,281	1/2	147,933
3/4	14,645	3/4	29,748	3/4	44,380	3/4	59,195	3/4	74,269	3/4	89,367	3/4	104,462	3/4	119,550	3/4	134,594	3/4	148,102

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 391"

3 STBD 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	148,271	0	156,386	0	164,472	0	171,998	0	178,790	0		0		0		0		0	
1/4	148,440	1/4	156,555	1/4	164,636	1/4	172,146	1/4	178,955	1/4		1/4		1/4		1/4		1/4	
1/2	148,609	1/2	156,724	1/2	164,800	1/2	172,294	1/2	179,119	1/2		1/2		1/2		1/2		1/2	
3/4	148,778	3/4	156,893	3/4	164,964	3/4	172,442	3/4	179,284	3/4		3/4		3/4		3/4		3/4	
1	148,947	1	157,062	1	165,128	1	172,591	1	179,449	1		1		1		1		1	
1/4	149,116	1/4	157,231	1/4	165,291	1/4	172,737	1/4	179,616	1/4		1/4		1/4		1/4		1/4	
1/2	149,285	1/2	157,400	1/2	165,454	1/2	172,883	1/2	179,782	1/2		1/2		1/2		1/2		1/2	
3/4	149,454	3/4	157,569	3/4	165,616	3/4	173,029	3/4	179,949	3/4		3/4		3/4		3/4		3/4	
2	149,623	2	157,738	2	165,779	2	173,176	2	180,116	2		2		2		2		2	
1/4	149,792	1/4	157,907	1/4	165,941	1/4	173,320	1/4	180,283	1/4		1/4		1/4		1/4		1/4	
1/2	149,961	1/2	158,076	1/2	166,102	1/2	173,465	1/2	180,450	1/2		1/2		1/2		1/2		1/2	
3/4	150,130	3/4	158,245	3/4	166,264	3/4	173,610	3/4	180,617	3/4		3/4		3/4		3/4		3/4	
3	150,299	3	158,414	3	166,425	3	173,755	3	180,783	3		3		3		3		3	
1/4	150,468	1/4	158,584	1/4	166,585	1/4	173,899	1/4	180,950	1/4		1/4		1/4		1/4		1/4	
1/2	150,638	1/2	158,753	1/2	166,745	1/2	174,042	1/2	181,117	1/2		1/2		1/2		1/2		1/2	
3/4	150,807	3/4	158,922	3/4	166,906	3/4	174,186	3/4	181,284	3/4		3/4		3/4		3/4		3/4	
4	150,976	4	159,091	4	167,066	4	174,330	4	181,451	4		4		4		4		4	
1/4	151,145	1/4	159,260	1/4	167,224	1/4	174,472	1/4	181,618	1/4		1/4		1/4		1/4		1/4	
1/2	151,314	1/2	159,429	1/2	167,383	1/2	174,614	1/2	181,784	1/2		1/2		1/2		1/2		1/2	
3/4	151,483	3/4	159,598	3/4	167,542	3/4	174,756	3/4	181,951	3/4		3/4		3/4		3/4		3/4	
5	151,652	5	159,767	5	167,701	5	174,898	5	182,118	5		5		5		5		5	
1/4	151,821	1/4	159,936	1/4	167,858	1/4	175,039	1/4	182,279	1/4		1/4		1/4		1/4		1/4	
1/2	151,990	1/2	160,105	1/2	168,015	1/2	175,180	1/2	182,440	1/2		1/2		1/2		1/2		1/2	
3/4	152,159	3/4	160,274	3/4	168,173	3/4	175,321	3/4	182,602	3/4		3/4		3/4		3/4		3/4	
6	152,328	6	160,443	6	168,330	6	175,462	6	182,763	6		6		6		6		6	
1/4	152,497	1/4	160,612	1/4	168,487	1/4	175,601	1/4	182,883	1/4		1/4		1/4		1/4		1/4	
1/2	152,666	1/2	160,781	1/2	168,643	1/2	175,741	1/2	183,003	1/2		1/2		1/2		1/2		1/2	
3/4	152,835	3/4	160,950	3/4	168,799	3/4	175,880	3/4	183,123	3/4		3/4		3/4		3/4		3/4	
7	153,004	7	161,120	7	168,955	7	176,020	7	183,243	7		7		7		7		7	
1/4	153,173	1/4	161,289	1/4	169,110	1/4	176,158	1/4	183,312	1/4		1/4		1/4		1/4		1/4	
1/2	153,343	1/2	161,458	1/2	169,265	1/2	176,296	1/2	183,381	1/2		1/2		1/2		1/2		1/2	
3/4	153,512	3/4	161,627	3/4	169,419	3/4	176,435	3/4	183,450	3/4		3/4		3/4		3/4		3/4	
8	153,681	8	161,796	8	169,574	8	176,573	8	183,519	8		8		8		8		8	
1/4	153,850	1/4	161,965	1/4	169,728	1/4	176,710	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,019	1/2	162,134	1/2	169,881	1/2	176,847	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,188	3/4	162,302	3/4	170,034	3/4	176,984	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,357	9	162,471	9	170,188	9	177,121	9		9		9		9		9		9	
1/4	154,526	1/4	162,639	1/4	170,340	1/4	177,257	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,695	1/2	162,807	1/2	170,492	1/2	177,392	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,864	3/4	162,975	3/4	170,644	3/4	177,528	3/4		3/4		3/4		3/4		3/4		3/4	
10	155,033	10	163,144	10	170,796	10	177,664	10		10		10		10		10		10	
1/4	155,202	1/4	163,310	1/4	170,947	1/4	177,798	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,371	1/2	163,477	1/2	171,098	1/2	177,932	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,540	3/4	163,644	3/4	171,249	3/4	178,066	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,709	11	163,811	11	171,400	11	178,200	11		11		11		11		11		11	
1/4	155,879	1/4	163,976	1/4	171,549	1/4	178,348	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,048	1/2	164,141	1/2	171,699	1/2	178,495	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,217	3/4	164,306	3/4	171,848	3/4	178,643	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
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BARGE "CBC 391"

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	- 00-1/8	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
3 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	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"

May 19, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

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 Pearland, Texas 77588

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BARGE "CBC 391"

1 PORT 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1/4	1/4	220,394	1/4	220,422	1/4	206,422	1/4	192,340	1/4	177,457	1/4	162,236	1/4	147,014	1/4	131,793	1/4	116,571	1/4	101,346
1/2	1/2	220,180	1/2	206,136	1/2	206,136	1/2	192,038	1/2	177,140	1/2	161,919	1/2	146,697	1/2	131,475	1/2	116,254	1/2	101,029
3/4	3/4	219,965	3/4	205,851	3/4	205,851	3/4	191,735	3/4	176,823	3/4	161,601	3/4	146,380	3/4	131,158	3/4	115,937	3/4	100,712
1	1	219,750	1	205,565	1	205,565	1	191,432	1	176,506	1	161,284	1	146,063	1	130,841	1	115,620	1	100,394
1/4	1/4	219,535	1/4	205,280	1/4	205,280	1/4	191,129	1/4	176,189	1/4	160,967	1/4	145,746	1/4	130,524	1/4	115,302	1/4	100,077
1/2	1/2	219,269	1/2	204,993	1/2	204,993	1/2	190,825	1/2	175,872	1/2	160,650	1/2	145,428	1/2	130,207	1/2	114,985	1/2	99,760
3/4	3/4	219,003	3/4	204,706	3/4	204,706	3/4	190,521	3/4	175,555	3/4	160,333	3/4	145,111	3/4	129,890	3/4	114,668	3/4	99,443
2	2	218,737	2	204,419	2	204,419	2	190,217	2	175,237	2	160,016	2	144,794	2	129,573	2	114,351	2	99,125
1/4	1/4	218,471	1/4	204,133	1/4	204,133	1/4	189,913	1/4	174,920	1/4	159,699	1/4	144,477	1/4	129,256	1/4	114,034	1/4	98,808
1/2	1/2	218,164	1/2	203,845	1/2	203,845	1/2	189,607	1/2	174,603	1/2	159,382	1/2	144,160	1/2	128,938	1/2	113,717	1/2	98,491
3/4	3/4	217,857	3/4	203,556	3/4	203,556	3/4	189,302	3/4	174,286	3/4	159,064	3/4	143,843	3/4	128,621	3/4	113,400	3/4	98,174
3	3	217,550	3	203,268	3	203,268	3	188,996	3	173,969	3	158,747	3	143,526	3	128,304	3	113,083	3	97,856
1/4	1/4	217,242	1/4	202,980	1/4	202,980	1/4	188,691	1/4	173,652	1/4	158,430	1/4	143,209	1/4	127,987	1/4	112,766	1/4	97,539
1/2	1/2	216,929	1/2	202,691	1/2	202,691	1/2	188,384	1/2	173,335	1/2	158,113	1/2	142,892	1/2	127,670	1/2	112,448	1/2	97,222
3/4	3/4	216,616	3/4	202,401	3/4	202,401	3/4	188,078	3/4	173,018	3/4	157,796	3/4	142,574	3/4	127,353	3/4	112,131	3/4	96,905
4	4	216,303	4	202,112	4	202,112	4	187,771	4	172,700	4	157,479	4	142,257	4	127,036	4	111,814	4	96,588
1/4	1/4	215,990	1/4	201,822	1/4	201,822	1/4	187,464	1/4	172,383	1/4	157,162	1/4	141,940	1/4	126,719	1/4	111,497	1/4	96,270
1/2	1/2	215,677	1/2	201,531	1/2	201,531	1/2	187,156	1/2	172,066	1/2	156,845	1/2	141,623	1/2	126,402	1/2	111,180	1/2	95,953
3/4	3/4	215,364	3/4	201,240	3/4	201,240	3/4	186,848	3/4	171,749	3/4	156,528	3/4	141,306	3/4	126,084	3/4	110,863	3/4	95,636
5	5	215,051	5	200,949	5	200,949	5	186,540	5	171,432	5	156,210	5	140,989	5	125,767	5	110,546	5	95,319
1/4	1/4	214,738	1/4	200,659	1/4	200,659	1/4	186,232	1/4	171,115	1/4	155,893	1/4	140,672	1/4	125,450	1/4	110,229	1/4	95,001
1/2	1/2	214,426	1/2	200,366	1/2	200,366	1/2	185,922	1/2	170,798	1/2	155,576	1/2	140,355	1/2	125,133	1/2	109,911	1/2	94,684
3/4	3/4	214,113	3/4	200,074	3/4	200,074	3/4	185,613	3/4	170,481	3/4	155,259	3/4	140,038	3/4	124,816	3/4	109,594	3/4	94,367
6	6	213,800	6	199,782	6	199,782	6	185,303	6	170,164	6	154,942	6	139,720	6	124,499	6	109,277	6	94,050
1/4	1/4	213,487	1/4	199,490	1/4	199,490	1/4	184,994	1/4	169,846	1/4	154,625	1/4	139,403	1/4	124,182	1/4	108,960	1/4	93,732
1/2	1/2	213,174	1/2	199,196	1/2	199,196	1/2	184,683	1/2	169,529	1/2	154,308	1/2	139,086	1/2	123,865	1/2	108,642	1/2	93,415
3/4	3/4	212,861	3/4	198,903	3/4	198,903	3/4	184,372	3/4	169,212	3/4	153,991	3/4	138,769	3/4	123,547	3/4	108,325	3/4	93,098
7	7	212,548	7	198,609	7	198,609	7	184,061	7	168,895	7	153,674	7	138,452	7	123,230	7	108,008	7	92,781
1/4	1/4	212,235	1/4	198,315	1/4	198,315	1/4	183,750	1/4	168,578	1/4	153,356	1/4	138,135	1/4	122,913	1/4	107,691	1/4	92,463
1/2	1/2	211,924	1/2	198,019	1/2	198,019	1/2	183,438	1/2	168,261	1/2	153,039	1/2	137,818	1/2	122,596	1/2	107,373	1/2	92,146
3/4	3/4	211,613	3/4	197,723	3/4	197,723	3/4	183,126	3/4	167,944	3/4	152,722	3/4	137,501	3/4	122,279	3/4	107,056	3/4	91,829
8	8	211,302	8	197,427	8	197,427	8	182,814	8	167,627	8	152,405	8	137,183	8	121,962	8	106,739	8	91,512
1/4	1/4	210,991	1/4	197,131	1/4	197,131	1/4	182,502	1/4	167,310	1/4	152,088	1/4	136,866	1/4	121,645	1/4	106,422	1/4	91,195
1/2	1/2	210,698	1/2	196,833	1/2	196,833	1/2	182,189	1/2	166,992	1/2	151,771	1/2	136,549	1/2	121,328	1/2	106,105	1/2	90,877
3/4	3/4	210,404	3/4	196,536	3/4	196,536	3/4	181,875	3/4	166,675	3/4	151,454	3/4	136,232	3/4	121,011	3/4	105,787	3/4	90,560
9	9	210,111	9	196,238	9	196,238	9	181,562	9	166,358	9	151,137	9	135,915	9	120,693	9	105,470	9	90,243
1/4	1/4	209,817	1/4	195,941	1/4	195,941	1/4	181,249	1/4	166,041	1/4	150,819	1/4	135,598	1/4	120,376	1/4	105,153	1/4	89,926
1/2	1/2	209,535	1/2	195,642	1/2	195,642	1/2	180,934	1/2	165,724	1/2	150,502	1/2	135,281	1/2	120,059	1/2	104,836	1/2	89,608
3/4	3/4	209,254	3/4	195,343	3/4	195,343	3/4	180,619	3/4	165,407	3/4	150,185	3/4	134,964	3/4	119,742	3/4	104,518	3/4	89,291
10	10	208,972	10	195,045	10	195,045	10	180,304	10	165,090	10	149,868	10	134,647	10	119,425	10	104,201	10	88,974
1/4	1/4	208,691	1/4	194,746	1/4	194,746	1/4	179,990	1/4	164,773	1/4	149,551	1/4	134,329	1/4	119,108	1/4	103,884	1/4	88,657
1/2	1/2	208,408	1/2	194,446	1/2	194,446	1/2	179,673	1/2	164,455	1/2	149,234	1/2	134,012	1/2	118,791	1/2	103,567	1/2	88,339
3/4	3/4	208,125	3/4	194,146	3/4	194,146	3/4	179,357	3/4	164,138	3/4	148,917	3/4	133,695	3/4	118,474	3/4	103,249	3/4	88,022
11	11	207,842	11	193,846	11	193,846	11	179,041	11	163,821	11	148,600	11	133,378	11	118,157	11	102,932	11	87,705
1/4	1/4	207,559	1/4	193,546	1/4	193,546	1/4	178,725	1/4	163,504	1/4	148,283	1/4	133,061	1/4	117,839	1/4	102,615	1/4	87,388
1/2	1/2	207,275	1/2	193,244	1/2	193,244	1/2	178,408	1/2	163,187	1/2	147,965	1/2	132,744	1/2	117,522	1/2	102,298	1/2	87,071
3/4	3/4	206,990	3/4	192,943	3/4	192,943	3/4	178,091	3/4	162,870	3/4	147,648	3/4	132,427	3/4	117,205	3/4	101,980	3/4	86,753

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 391"

1 PORT 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	86,436	0	71,209	0	55,982	0	40,773	0	25,548	0	10,322	0		0		0		0	
1/4	86,119	1/4	70,892	1/4	55,664	1/4	40,456	1/4	25,231	1/4	10,005	1/4		1/4		1/4		1/4	
1/2	85,802	1/2	70,574	1/2	55,347	1/2	40,139	1/2	24,914	1/2	9,687	1/2		1/2		1/2		1/2	
3/4	85,484	3/4	70,257	3/4	55,030	3/4	39,822	3/4	24,597	3/4	9,370	3/4		3/4		3/4		3/4	
1	85,167	1	69,940	1	54,713	1	39,506	1	24,279	1	9,053	1		1		1		1	
1/4	84,850	1/4	69,623	1/4	54,395	1/4	39,189	1/4	23,962	1/4	8,736	1/4		1/4		1/4		1/4	
1/2	84,533	1/2	69,305	1/2	54,078	1/2	38,872	1/2	23,645	1/2	8,418	1/2		1/2		1/2		1/2	
3/4	84,215	3/4	68,988	3/4	53,761	3/4	38,554	3/4	23,328	3/4	8,100	3/4		3/4		3/4		3/4	
2	83,898	2	68,671	2	53,444	2	38,237	2	23,011	2	7,782	2		2		2		2	
1/4	83,581	1/4	68,354	1/4	53,127	1/4	37,920	1/4	22,693	1/4	7,467	1/4		1/4		1/4		1/4	
1/2	83,264	1/2	68,037	1/2	52,809	1/2	37,603	1/2	22,376	1/2	7,150	1/2		1/2		1/2		1/2	
3/4	82,946	3/4	67,719	3/4	52,492	3/4	37,286	3/4	22,059	3/4	6,832	3/4		3/4		3/4		3/4	
3	82,629	3	67,402	3	52,175	3	36,968	3	21,742	3	6,515	3		3		3		3	
1/4	82,312	1/4	67,085	1/4	51,858	1/4	36,651	1/4	21,425	1/4	6,198	1/4		1/4		1/4		1/4	
1/2	81,995	1/2	66,768	1/2	51,541	1/2	36,334	1/2	21,107	1/2	5,881	1/2		1/2		1/2		1/2	
3/4	81,678	3/4	66,450	3/4	51,224	3/4	36,017	3/4	20,790	3/4	5,563	3/4		3/4		3/4		3/4	
4	81,360	4	66,133	4	50,908	4	35,699	4	20,473	4	5,246	4		4		4		4	
1/4	81,043	1/4	65,816	1/4	50,591	1/4	35,382	1/4	20,156	1/4	4,929	1/4		1/4		1/4		1/4	
1/2	80,726	1/2	65,499	1/2	50,274	1/2	35,065	1/2	19,838	1/2	4,615	1/2		1/2		1/2		1/2	
3/4	80,409	3/4	65,181	3/4	49,958	3/4	34,748	3/4	19,521	3/4	4,301	3/4		3/4		3/4		3/4	
5	80,091	5	64,864	5	49,641	5	34,431	5	19,204	5	3,987	5		5		5		5	
1/4	79,774	1/4	64,547	1/4	49,324	1/4	34,113	1/4	18,887	1/4	3,673	1/4		1/4		1/4		1/4	
1/2	79,457	1/2	64,230	1/2	49,007	1/2	33,796	1/2	18,570	1/2	3,389	1/2		1/2		1/2		1/2	
3/4	79,140	3/4	63,912	3/4	48,691	3/4	33,479	3/4	18,254	3/4	3,105	3/4		3/4		3/4		3/4	
6	78,822	6	63,595	6	48,374	6	33,162	6	17,937	6	2,821	6		6		6		6	
1/4	78,505	1/4	63,278	1/4	48,057	1/4	32,844	1/4	17,618	1/4	2,537	1/4		1/4		1/4		1/4	
1/2	78,188	1/2	62,961	1/2	47,740	1/2	32,527	1/2	17,301	1/2	2,305	1/2		1/2		1/2		1/2	
3/4	77,871	3/4	62,644	3/4	47,424	3/4	32,210	3/4	16,983	3/4	2,074	3/4		3/4		3/4		3/4	
7	77,554	7	62,326	7	47,107	7	31,893	7	16,666	7	1,843	7		7		7		7	
1/4	77,236	1/4	62,009	1/4	46,790	1/4	31,576	1/4	16,349	1/4	1,612	1/4		1/4		1/4		1/4	
1/2	76,919	1/2	61,692	1/2	46,474	1/2	31,258	1/2	16,032	1/2	1,433	1/2		1/2		1/2		1/2	
3/4	76,602	3/4	61,375	3/4	46,157	3/4	30,941	3/4	15,715	3/4	1,255	3/4		3/4		3/4		3/4	
8	76,285	8	61,057	8	45,840	8	30,624	8	15,397	8	1,076	8		8		8		8	
1/4	75,967	1/4	60,740	1/4	45,523	1/4	30,307	1/4	15,080	1/4	898	1/4		1/4		1/4		1/4	
1/2	75,650	1/2	60,423	1/2	45,207	1/2	29,989	1/2	14,763	1/2		1/2		1/2		1/2		1/2	
3/4	75,333	3/4	60,106	3/4	44,890	3/4	29,672	3/4	14,446	3/4		3/4		3/4		3/4		3/4	
9	75,016	9	59,788	9	44,573	9	29,355	9	14,128	9		9		9		9		9	
1/4	74,698	1/4	59,471	1/4	44,257	1/4	29,038	1/4	13,811	1/4		1/4		1/4		1/4		1/4	
1/2	74,381	1/2	59,154	1/2	43,940	1/2	28,721	1/2	13,494	1/2		1/2		1/2		1/2		1/2	
3/4	74,064	3/4	58,837	3/4	43,623	3/4	28,403	3/4	13,177	3/4		3/4		3/4		3/4		3/4	
10	73,747	10	58,520	10	43,306	10	28,086	10	12,860	10		10		10		10		10	
1/4	73,429	1/4	58,202	1/4	42,990	1/4	27,769	1/4	12,542	1/4		1/4		1/4		1/4		1/4	
1/2	73,112	1/2	57,885	1/2	42,673	1/2	27,452	1/2	12,225	1/2		1/2		1/2		1/2		1/2	
3/4	72,795	3/4	57,568	3/4	42,356	3/4	27,134	3/4	11,908	3/4		3/4		3/4		3/4		3/4	
11	72,478	11	57,251	11	42,040	11	26,817	11	11,591	11		11		11		11		11	
1/4	72,161	1/4	56,933	1/4	41,723	1/4	26,500	1/4	11,273	1/4		1/4		1/4		1/4		1/4	
1/2	71,843	1/2	56,616	1/2	41,406	1/2	26,183	1/2	10,956	1/2		1/2		1/2		1/2		1/2	
3/4	71,526	3/4	56,299	3/4	41,089	3/4	25,866	3/4	10,639	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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



BARGE "CBC 391"

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	0	0	206,911	0	192,863	0	178,012	0	162,790	0	147,569	0	132,347	0	117,126	0	101,901
1/4	1/4	1/4	1/4	1/4	206,626	1/4	192,562	1/4	177,695	1/4	162,473	1/4	147,252	1/4	132,030	1/4	116,809	1/4	101,584
1/2	1/2	1/2	1/2	1/2	220,314	1/2	206,342	1/2	192,261	1/2	177,378	1/2	162,156	1/2	146,935	1/2	131,713	1/2	116,491
3/4	3/4	3/4	3/4	3/4	220,099	3/4	206,057	3/4	191,958	3/4	177,061	3/4	161,839	3/4	146,617	3/4	131,396	3/4	116,174
1	1	1	1	1	219,884	1	205,771	1	191,655	1	176,743	1	161,522	1	146,300	1	131,079	1	115,857
1/4	1/4	1/4	1/4	1/4	219,669	1/4	205,485	1/4	191,352	1/4	176,426	1/4	161,205	1/4	145,983	1/4	130,762	1/4	115,540
1/2	1/2	1/2	1/2	1/2	219,454	1/2	205,200	1/2	191,050	1/2	176,109	1/2	160,888	1/2	145,666	1/2	130,445	1/2	115,223
3/4	3/4	3/4	3/4	3/4	219,189	3/4	204,913	3/4	190,746	3/4	175,792	3/4	160,571	3/4	145,349	3/4	130,127	3/4	114,906
2	2	2	2	2	218,923	2	204,626	2	190,441	2	175,475	2	160,253	2	145,032	2	129,810	2	114,589
1/4	1/4	1/4	1/4	1/4	218,657	1/4	204,340	1/4	190,137	1/4	175,158	1/4	159,936	1/4	144,715	1/4	129,493	1/4	114,272
1/2	1/2	1/2	1/2	1/2	218,391	1/2	204,053	1/2	189,833	1/2	174,841	1/2	159,619	1/2	144,398	1/2	129,176	1/2	113,954
3/4	3/4	3/4	3/4	3/4	218,084	3/4	203,765	3/4	189,528	3/4	174,524	3/4	159,302	3/4	144,081	3/4	128,859	3/4	113,637
3	3	3	3	3	217,777	3	203,477	3	189,222	3	174,207	3	158,985	3	143,763	3	128,542	3	113,320
1/4	1/4	1/4	1/4	1/4	217,470	1/4	203,189	1/4	188,917	1/4	173,889	1/4	158,668	1/4	143,446	1/4	128,225	1/4	113,003
1/2	1/2	1/2	1/2	1/2	217,162	1/2	202,900	1/2	188,611	1/2	173,572	1/2	158,351	1/2	143,129	1/2	127,908	1/2	112,686
3/4	3/4	3/4	3/4	3/4	216,849	3/4	202,611	3/4	188,305	3/4	173,255	3/4	158,034	3/4	142,812	3/4	127,590	3/4	112,369
4	4	4	4	4	216,536	4	202,321	4	187,998	4	172,938	4	157,717	4	142,495	4	127,273	4	112,052
1/4	1/4	1/4	1/4	1/4	216,223	1/4	202,032	1/4	187,691	1/4	172,621	1/4	157,399	1/4	142,178	1/4	126,956	1/4	111,734
1/2	1/2	1/2	1/2	1/2	215,910	1/2	201,742	1/2	187,385	1/2	172,304	1/2	157,082	1/2	141,861	1/2	126,639	1/2	111,418
3/4	3/4	3/4	3/4	3/4	215,597	3/4	201,452	3/4	187,077	3/4	171,987	3/4	156,765	3/4	141,544	3/4	126,322	3/4	111,100
5	5	5	5	5	215,284	5	201,161	5	186,768	5	171,670	5	156,448	5	141,226	5	126,005	5	110,783
1/4	1/4	1/4	1/4	1/4	214,971	1/4	200,870	1/4	186,460	1/4	171,352	1/4	156,131	1/4	140,909	1/4	125,688	1/4	110,466
1/2	1/2	1/2	1/2	1/2	214,658	1/2	200,579	1/2	186,152	1/2	171,035	1/2	155,814	1/2	140,592	1/2	125,371	1/2	110,149
3/4	3/4	3/4	3/4	3/4	214,345	3/4	200,287	3/4	185,843	3/4	170,718	3/4	155,497	3/4	140,275	3/4	125,054	3/4	109,832
6	6	6	6	6	214,032	6	199,994	6	185,533	6	170,401	6	155,180	6	139,958	6	124,736	6	109,515
1/4	1/4	1/4	1/4	1/4	213,719	1/4	199,702	1/4	185,224	1/4	170,084	1/4	154,862	1/4	139,641	1/4	124,419	1/4	109,197
1/2	1/2	1/2	1/2	1/2	213,407	1/2	199,410	1/2	184,914	1/2	169,767	1/2	154,545	1/2	139,324	1/2	124,102	1/2	108,880
3/4	3/4	3/4	3/4	3/4	213,094	3/4	199,117	3/4	184,603	3/4	169,450	3/4	154,228	3/4	139,007	3/4	123,785	3/4	108,563
7	7	7	7	7	212,781	7	198,823	7	184,292	7	169,133	7	153,911	7	138,690	7	123,468	7	108,246
1/4	1/4	1/4	1/4	1/4	212,468	1/4	198,529	1/4	183,982	1/4	168,816	1/4	153,594	1/4	138,372	1/4	123,151	1/4	107,928
1/2	1/2	1/2	1/2	1/2	212,155	1/2	198,236	1/2	183,671	1/2	168,498	1/2	153,277	1/2	138,055	1/2	122,834	1/2	107,611
3/4	3/4	3/4	3/4	3/4	211,844	3/4	197,940	3/4	183,359	3/4	168,181	3/4	152,960	3/4	137,738	3/4	122,517	3/4	107,294
8	8	8	8	8	211,533	8	197,643	8	183,047	8	167,864	8	152,643	8	137,421	8	122,200	8	106,977
1/4	1/4	1/4	1/4	1/4	211,222	1/4	197,347	1/4	182,735	1/4	167,547	1/4	152,326	1/4	137,104	1/4	121,882	1/4	106,659
1/2	1/2	1/2	1/2	1/2	210,911	1/2	197,051	1/2	182,423	1/2	167,230	1/2	152,008	1/2	136,787	1/2	121,565	1/2	106,342
3/4	3/4	3/4	3/4	3/4	210,618	3/4	196,754	3/4	182,109	3/4	166,913	3/4	151,691	3/4	136,470	3/4	121,248	3/4	106,025
9	9	9	9	9	210,324	9	196,456	9	181,796	9	166,596	9	151,374	9	136,153	9	120,931	9	105,708
1/4	1/4	1/4	1/4	1/4	210,031	1/4	196,159	1/4	181,483	1/4	166,279	1/4	151,057	1/4	135,836	1/4	120,614	1/4	105,391
1/2	1/2	1/2	1/2	1/2	209,737	1/2	195,861	1/2	181,169	1/2	165,962	1/2	150,740	1/2	135,518	1/2	120,297	1/2	105,073
3/4	3/4	3/4	3/4	3/4	209,455	3/4	195,562	3/4	180,854	3/4	165,644	3/4	150,423	3/4	135,201	3/4	119,980	3/4	104,756
10	10	10	10	10	209,174	10	195,264	10	180,540	10	165,327	10	150,106	10	134,884	10	119,663	10	104,439
1/4	1/4	1/4	1/4	1/4	208,892	1/4	194,965	1/4	180,225	1/4	165,010	1/4	149,789	1/4	134,567	1/4	119,345	1/4	104,122
1/2	1/2	1/2	1/2	1/2	208,611	1/2	194,666	1/2	179,910	1/2	164,693	1/2	149,471	1/2	134,250	1/2	119,028	1/2	103,804
3/4	3/4	3/4	3/4	3/4	208,328	3/4	194,366	3/4	179,594	3/4	164,376	3/4	149,154	3/4	133,933	3/4	118,711	3/4	103,487
11	11	11	11	11	208,045	11	194,066	11	179,278	11	164,059	11	148,837	11	133,616	11	118,394	11	103,170
1/4	1/4	1/4	1/4	1/4	207,762	1/4	193,766	1/4	178,962	1/4	163,742	1/4	148,520	1/4	133,299	1/4	118,077	1/4	102,853
1/2	1/2	1/2	1/2	1/2	207,479	1/2	193,466	1/2	178,646	1/2	163,425	1/2	148,203	1/2	132,981	1/2	117,760	1/2	102,535
3/4	3/4	3/4	3/4	3/4	207,195	3/4	193,165	3/4	178,329	3/4	163,107	3/4	147,886	3/4	132,664	3/4	117,443	3/4	102,218

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

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BARGE "CBC 391"

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	86,674	0	71,447	0	56,219	0	41,074	0	25,866	0	10,639	0		0		0		0	
1/4	86,357	1/4	71,129	1/4	55,902	1/4	40,759	1/4	25,548	1/4	10,322	1/4		1/4		1/4		1/4	
1/2	86,039	1/2	70,812	1/2	55,585	1/2	40,444	1/2	25,231	1/2	10,005	1/2		1/2		1/2		1/2	
3/4	85,722	3/4	70,495	3/4	55,268	3/4	40,128	3/4	24,914	3/4	9,687	3/4		3/4		3/4		3/4	
1	85,405	1	70,178	1	54,950	1	39,813	1	24,597	1	9,370	1		1		1		1	
1/4	85,088	1/4	69,860	1/4	54,633	1/4	39,498	1/4	24,279	1/4	9,053	1/4		1/4		1/4		1/4	
1/2	84,770	1/2	69,543	1/2	54,316	1/2	39,183	1/2	23,962	1/2	8,736	1/2		1/2		1/2		1/2	
3/4	84,453	3/4	69,226	3/4	53,999	3/4	38,867	3/4	23,645	3/4	8,418	3/4		3/4		3/4		3/4	
2	84,136	2	68,909	2	53,682	2	38,552	2	23,328	2	8,100	2		2		2		2	
1/4	83,819	1/4	68,591	1/4	53,365	1/4	38,236	1/4	23,011	1/4	7,782	1/4		1/4		1/4		1/4	
1/2	83,501	1/2	68,274	1/2	53,048	1/2	37,920	1/2	22,693	1/2	7,467	1/2		1/2		1/2		1/2	
3/4	83,184	3/4	67,957	3/4	52,732	3/4	37,603	3/4	22,376	3/4	7,150	3/4		3/4		3/4		3/4	
3	82,867	3	67,640	3	52,417	3	37,286	3	22,059	3	6,832	3		3		3		3	
1/4	82,550	1/4	67,323	1/4	52,101	1/4	36,968	1/4	21,742	1/4	6,515	1/4		1/4		1/4		1/4	
1/2	82,232	1/2	67,005	1/2	51,786	1/2	36,651	1/2	21,425	1/2	6,198	1/2		1/2		1/2		1/2	
3/4	81,915	3/4	66,688	3/4	51,471	3/4	36,334	3/4	21,107	3/4	5,881	3/4		3/4		3/4		3/4	
4	81,598	4	66,371	4	51,156	4	36,017	4	20,790	4	5,563	4		4		4		4	
1/4	81,281	1/4	66,054	1/4	50,841	1/4	35,699	1/4	20,473	1/4	5,246	1/4		1/4		1/4		1/4	
1/2	80,964	1/2	65,736	1/2	50,525	1/2	35,382	1/2	20,156	1/2	4,929	1/2		1/2		1/2		1/2	
3/4	80,646	3/4	65,419	3/4	50,210	3/4	35,065	3/4	19,838	3/4	4,615	3/4		3/4		3/4		3/4	
5	80,329	5	65,102	5	49,895	5	34,748	5	19,521	5	4,301	5		5		5		5	
1/4	80,012	1/4	64,785	1/4	49,580	1/4	34,431	1/4	19,204	1/4	3,987	1/4		1/4		1/4		1/4	
1/2	79,695	1/2	64,467	1/2	49,265	1/2	34,113	1/2	18,887	1/2	3,673	1/2		1/2		1/2		1/2	
3/4	79,377	3/4	64,150	3/4	48,950	3/4	33,796	3/4	18,570	3/4	3,389	3/4		3/4		3/4		3/4	
6	79,060	6	63,833	6	48,635	6	33,479	6	18,254	6	3,105	6		6		6		6	
1/4	78,743	1/4	63,516	1/4	48,320	1/4	33,162	1/4	17,937	1/4	2,821	1/4		1/4		1/4		1/4	
1/2	78,426	1/2	63,198	1/2	48,005	1/2	32,844	1/2	17,618	1/2	2,537	1/2		1/2		1/2		1/2	
3/4	78,108	3/4	62,881	3/4	47,690	3/4	32,527	3/4	17,301	3/4	2,305	3/4		3/4		3/4		3/4	
7	77,791	7	62,564	7	47,375	7	32,210	7	16,983	7	2,074	7		7		7		7	
1/4	77,474	1/4	62,247	1/4	47,060	1/4	31,893	1/4	16,666	1/4	1,843	1/4		1/4		1/4		1/4	
1/2	77,157	1/2	61,930	1/2	46,745	1/2	31,576	1/2	16,349	1/2	1,612	1/2		1/2		1/2		1/2	
3/4	76,840	3/4	61,612	3/4	46,430	3/4	31,258	3/4	16,032	3/4	1,433	3/4		3/4		3/4		3/4	
8	76,522	8	61,295	8	46,115	8	30,941	8	15,715	8	1,255	8		8		8		8	
1/4	76,205	1/4	60,978	1/4	45,800	1/4	30,624	1/4	15,397	1/4	1,076	1/4		1/4		1/4		1/4	
1/2	75,888	1/2	60,661	1/2	45,485	1/2	30,307	1/2	15,080	1/2	898	1/2		1/2		1/2		1/2	
3/4	75,571	3/4	60,343	3/4	45,169	3/4	29,989	3/4	14,763	3/4		3/4		3/4		3/4		3/4	
9	75,253	9	60,026	9	44,854	9	29,672	9	14,446	9		9		9		9		9	
1/4	74,936	1/4	59,709	1/4	44,539	1/4	29,355	1/4	14,128	1/4		1/4		1/4		1/4		1/4	
1/2	74,619	1/2	59,392	1/2	44,224	1/2	29,038	1/2	13,811	1/2		1/2		1/2		1/2		1/2	
3/4	74,302	3/4	59,074	3/4	43,909	3/4	28,721	3/4	13,494	3/4		3/4		3/4		3/4		3/4	
10	73,984	10	58,757	10	43,594	10	28,403	10	13,177	10		10		10		10		10	
1/4	73,667	1/4	58,440	1/4	43,279	1/4	28,086	1/4	12,860	1/4		1/4		1/4		1/4		1/4	
1/2	73,350	1/2	58,123	1/2	42,964	1/2	27,769	1/2	12,542	1/2		1/2		1/2		1/2		1/2	
3/4	73,033	3/4	57,806	3/4	42,649	3/4	27,452	3/4	12,225	3/4		3/4		3/4		3/4		3/4	
11	72,715	11	57,488	11	42,334	11	27,134	11	11,908	11		11		11		11		11	
1/4	72,398	1/4	57,171	1/4	42,019	1/4	26,817	1/4	11,591	1/4		1/4		1/4		1/4		1/4	
1/2	72,081	1/2	56,854	1/2	41,704	1/2	26,500	1/2	11,273	1/2		1/2		1/2		1/2		1/2	
3/4	71,764	3/4	56,537	3/4	41,389	3/4	26,183	3/4	10,956	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 391"

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	206,950	0	192,942	0	178,129	0	162,932	0	147,734	0	132,537	0	117,339	0	102,138		
1/4	1/4	1/4	206,666	1/4	192,641	1/4	177,813	1/4	162,616	1/4	147,418	1/4	132,220	1/4	117,022	1/4	101,821		
1/2	1/2	1/2	206,383	1/2	192,340	1/2	177,497	1/2	162,299	1/2	147,101	1/2	131,903	1/2	116,705	1/2	101,504		
3/4	3/4	3/4	220,049	3/4	206,099	3/4	192,040	3/4	177,180	3/4	161,983	3/4	146,785	3/4	131,587	3/4	116,389	3/4	101,187
1	1	1	219,834	1	205,814	1	191,737	1	176,864	1	161,666	1	146,468	1	131,270	1	116,072	1	100,871
1/4	1/4	1/4	219,620	1/4	205,529	1/4	191,435	1/4	176,547	1/4	161,349	1/4	146,151	1/4	130,953	1/4	115,756	1/4	100,554
1/2	1/2	1/2	219,405	1/2	205,244	1/2	191,133	1/2	176,231	1/2	161,033	1/2	145,835	1/2	130,637	1/2	115,439	1/2	100,237
3/4	3/4	3/4	219,191	3/4	204,958	3/4	190,830	3/4	175,914	3/4	160,716	3/4	145,518	3/4	130,320	3/4	115,122	3/4	99,921
2	2	2	218,925	2	204,672	2	190,527	2	175,597	2	160,399	2	145,201	2	130,004	2	114,806	2	99,604
1/4	1/4	1/4	218,660	1/4	204,386	1/4	190,223	1/4	175,281	1/4	160,083	1/4	144,885	1/4	129,687	1/4	114,489	1/4	99,287
1/2	1/2	1/2	218,394	1/2	204,099	1/2	189,919	1/2	174,964	1/2	159,766	1/2	144,568	1/2	129,370	1/2	114,172	1/2	98,970
3/4	3/4	3/4	218,129	3/4	203,813	3/4	189,616	3/4	174,647	3/4	159,450	3/4	144,252	3/4	129,054	3/4	113,856	3/4	98,654
3	3	3	217,822	3	203,525	3	189,311	3	174,331	3	159,133	3	143,935	3	128,737	3	113,539	3	98,337
1/4	1/4	1/4	217,515	1/4	203,238	1/4	189,006	1/4	174,014	1/4	158,816	1/4	143,618	1/4	128,420	1/4	113,223	1/4	98,020
1/2	1/2	1/2	217,209	1/2	202,950	1/2	188,701	1/2	173,698	1/2	158,500	1/2	143,302	1/2	128,104	1/2	112,906	1/2	97,703
3/4	3/4	3/4	216,902	3/4	202,663	3/4	188,396	3/4	173,381	3/4	158,183	3/4	142,985	3/4	127,787	3/4	112,589	3/4	97,387
4	4	4	216,589	4	202,374	4	188,090	4	173,064	4	157,866	4	142,669	4	127,471	4	112,273	4	97,070
1/4	1/4	1/4	216,277	1/4	202,084	1/4	187,784	1/4	172,748	1/4	157,550	1/4	142,352	1/4	127,154	1/4	111,956	1/4	96,753
1/2	1/2	1/2	215,964	1/2	201,795	1/2	187,477	1/2	172,431	1/2	157,233	1/2	142,035	1/2	126,837	1/2	111,639	1/2	96,436
3/4	3/4	3/4	215,652	3/4	201,506	3/4	187,171	3/4	172,114	3/4	156,917	3/4	141,719	3/4	126,521	3/4	111,323	3/4	96,120
5	5	5	215,339	5	201,216	5	186,863	5	171,798	5	156,600	5	141,402	5	126,204	5	111,006	5	95,803
1/4	1/4	1/4	215,027	1/4	200,925	1/4	186,556	1/4	171,481	1/4	156,283	1/4	141,085	1/4	125,887	1/4	110,689	1/4	95,486
1/2	1/2	1/2	214,714	1/2	200,635	1/2	186,248	1/2	171,165	1/2	155,967	1/2	140,769	1/2	125,571	1/2	110,373	1/2	95,169
3/4	3/4	3/4	214,402	3/4	200,345	3/4	185,941	3/4	170,848	3/4	155,650	3/4	140,452	3/4	125,254	3/4	110,056	3/4	94,853
6	6	6	214,089	6	200,053	6	185,631	6	170,531	6	155,333	6	140,136	6	124,938	6	109,739	6	94,536
1/4	1/4	1/4	213,777	1/4	199,761	1/4	185,322	1/4	170,215	1/4	155,017	1/4	139,819	1/4	124,621	1/4	109,423	1/4	94,219
1/2	1/2	1/2	213,464	1/2	199,469	1/2	185,013	1/2	169,898	1/2	154,700	1/2	139,502	1/2	124,304	1/2	109,106	1/2	93,903
3/4	3/4	3/4	213,152	3/4	199,178	3/4	184,704	3/4	169,581	3/4	154,384	3/4	139,186	3/4	123,988	3/4	108,789	3/4	93,586
7	7	7	212,840	7	198,885	7	184,394	7	169,265	7	154,067	7	138,869	7	123,671	7	108,472	7	93,269
1/4	1/4	1/4	212,527	1/4	198,591	1/4	184,084	1/4	168,948	1/4	153,750	1/4	138,552	1/4	123,354	1/4	108,156	1/4	92,952
1/2	1/2	1/2	212,215	1/2	198,298	1/2	183,773	1/2	168,632	1/2	153,434	1/2	138,236	1/2	123,038	1/2	107,839	1/2	92,636
3/4	3/4	3/4	211,902	3/4	198,005	3/4	183,463	3/4	168,315	3/4	153,117	3/4	137,919	3/4	122,721	3/4	107,522	3/4	92,319
8	8	8	211,592	8	197,710	8	183,151	8	167,998	8	152,800	8	137,603	8	122,405	8	107,205	8	92,002
1/4	1/4	1/4	211,281	1/4	197,414	1/4	182,840	1/4	167,682	1/4	152,484	1/4	137,286	1/4	122,088	1/4	106,889	1/4	91,685
1/2	1/2	1/2	210,971	1/2	197,118	1/2	182,528	1/2	167,365	1/2	152,167	1/2	136,969	1/2	121,771	1/2	106,572	1/2	91,369
3/4	3/4	3/4	210,661	3/4	196,823	3/4	182,217	3/4	167,048	3/4	151,851	3/4	136,653	3/4	121,455	3/4	106,255	3/4	91,052
9	9	9	210,368	9	196,526	9	181,904	9	166,732	9	151,534	9	136,336	9	121,138	9	105,939	9	90,735
1/4	1/4	1/4	210,075	1/4	196,229	1/4	181,591	1/4	166,415	1/4	151,217	1/4	136,019	1/4	120,822	1/4	105,622	1/4	90,418
1/2	1/2	1/2	209,781	1/2	195,931	1/2	181,278	1/2	166,099	1/2	150,901	1/2	135,703	1/2	120,505	1/2	105,305	1/2	90,102
3/4	3/4	3/4	209,488	3/4	195,634	3/4	180,965	3/4	165,782	3/4	150,584	3/4	135,386	3/4	120,188	3/4	104,988	3/4	89,785
10	10	10	209,207	10	195,336	10	180,651	10	165,465	10	150,267	10	135,070	10	119,872	10	104,672	10	89,468
1/4	1/4	1/4	208,926	1/4	195,038	1/4	180,337	1/4	165,149	1/4	149,951	1/4	134,753	1/4	119,555	1/4	104,355	1/4	89,151
1/2	1/2	1/2	208,645	1/2	194,740	1/2	180,022	1/2	164,832	1/2	149,634	1/2	134,436	1/2	119,238	1/2	104,038	1/2	88,835
3/4	3/4	3/4	208,364	3/4	194,441	3/4	179,708	3/4	164,516	3/4	149,318	3/4	134,120	3/4	118,922	3/4	103,721	3/4	88,518
11	11	11	208,081	11	194,142	11	179,393	11	164,199	11	149,001	11	133,803	11	118,605	11	103,405	11	88,201
1/4	1/4	1/4	207,799	1/4	193,842	1/4	179,077	1/4	163,882	1/4	148,684	1/4	133,486	1/4	118,289	1/4	103,088	1/4	87,885
1/2	1/2	1/2	207,517	1/2	193,543	1/2	178,761	1/2	163,566	1/2	148,368	1/2	133,170	1/2	117,972	1/2	102,771	1/2	87,568
3/4	3/4	3/4	207,234	3/4	193,243	3/4	178,446	3/4	163,249	3/4	148,051	3/4	132,853	3/4	117,655	3/4	102,454	3/4	87,251

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 391"

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	86,934	0	71,731	0	56,528	0	41,341	0	26,142	0	10,939	0		0		0		0	
1/4	86,618	1/4	71,414	1/4	56,211	1/4	41,025	1/4	25,825	1/4	10,622	1/4		1/4		1/4		1/4	
1/2	86,301	1/2	71,097	1/2	55,894	1/2	40,709	1/2	25,508	1/2	10,306	1/2		1/2		1/2		1/2	
3/4	85,984	3/4	70,781	3/4	55,577	3/4	40,393	3/4	25,192	3/4	9,989	3/4		3/4		3/4		3/4	
1	85,667	1	70,464	1	55,261	1	40,076	1	24,875	1	9,672	1		1		1		1	
1/4	85,351	1/4	70,147	1/4	54,944	1/4	39,760	1/4	24,558	1/4	9,356	1/4		1/4		1/4		1/4	
1/2	85,034	1/2	69,831	1/2	54,627	1/2	39,444	1/2	24,242	1/2	9,039	1/2		1/2		1/2		1/2	
3/4	84,717	3/4	69,514	3/4	54,310	3/4	39,128	3/4	23,925	3/4	8,722	3/4		3/4		3/4		3/4	
2	84,400	2	69,197	2	53,994	2	38,811	2	23,608	2	8,405	2		2		2		2	
1/4	84,084	1/4	68,880	1/4	53,677	1/4	38,494	1/4	23,291	1/4	8,087	1/4		1/4		1/4		1/4	
1/2	83,767	1/2	68,564	1/2	53,360	1/2	38,177	1/2	22,975	1/2	7,770	1/2		1/2		1/2		1/2	
3/4	83,450	3/4	68,247	3/4	53,043	3/4	37,861	3/4	22,658	3/4	7,455	3/4		3/4		3/4		3/4	
3	83,133	3	67,930	3	52,727	3	37,544	3	22,341	3	7,138	3		3		3		3	
1/4	82,817	1/4	67,613	1/4	52,410	1/4	37,227	1/4	22,024	1/4	6,822	1/4		1/4		1/4		1/4	
1/2	82,500	1/2	67,297	1/2	52,094	1/2	36,911	1/2	21,708	1/2	6,505	1/2		1/2		1/2		1/2	
3/4	82,183	3/4	66,980	3/4	51,777	3/4	36,594	3/4	21,391	3/4	6,188	3/4		3/4		3/4		3/4	
4	81,867	4	66,663	4	51,461	4	36,277	4	21,074	4	5,872	4		4		4		4	
1/4	81,550	1/4	66,346	1/4	51,144	1/4	35,960	1/4	20,758	1/4	5,555	1/4		1/4		1/4		1/4	
1/2	81,233	1/2	66,030	1/2	50,828	1/2	35,644	1/2	20,441	1/2	5,238	1/2		1/2		1/2		1/2	
3/4	80,916	3/4	65,713	3/4	50,512	3/4	35,327	3/4	20,124	3/4	4,921	3/4		3/4		3/4		3/4	
5	80,600	5	65,396	5	50,196	5	35,010	5	19,807	5	4,608	5		5		5		5	
1/4	80,283	1/4	65,079	1/4	49,880	1/4	34,693	1/4	19,491	1/4	4,294	1/4		1/4		1/4		1/4	
1/2	79,966	1/2	64,763	1/2	49,563	1/2	34,377	1/2	19,174	1/2	3,981	1/2		1/2		1/2		1/2	
3/4	79,649	3/4	64,446	3/4	49,247	3/4	34,060	3/4	18,857	3/4	3,668	3/4		3/4		3/4		3/4	
6	79,333	6	64,129	6	48,931	6	33,743	6	18,541	6	3,384	6		6		6		6	
1/4	79,016	1/4	63,813	1/4	48,615	1/4	33,427	1/4	18,225	1/4	3,100	1/4		1/4		1/4		1/4	
1/2	78,699	1/2	63,496	1/2	48,298	1/2	33,110	1/2	17,909	1/2	2,816	1/2		1/2		1/2		1/2	
3/4	78,382	3/4	63,179	3/4	47,982	3/4	32,793	3/4	17,590	3/4	2,533	3/4		3/4		3/4		3/4	
7	78,066	7	62,862	7	47,666	7	32,476	7	17,274	7	2,302	7		7		7		7	
1/4	77,749	1/4	62,546	1/4	47,350	1/4	32,160	1/4	16,957	1/4	2,071	1/4		1/4		1/4		1/4	
1/2	77,432	1/2	62,229	1/2	47,033	1/2	31,843	1/2	16,640	1/2	1,840	1/2		1/2		1/2		1/2	
3/4	77,115	3/4	61,912	3/4	46,717	3/4	31,526	3/4	16,323	3/4	1,609	3/4		3/4		3/4		3/4	
8	76,799	8	61,595	8	46,401	8	31,209	8	16,007	8	1,431	8		8		8		8	
1/4	76,482	1/4	61,279	1/4	46,085	1/4	30,893	1/4	15,690	1/4	1,253	1/4		1/4		1/4		1/4	
1/2	76,165	1/2	60,962	1/2	45,769	1/2	30,576	1/2	15,373	1/2	1,075	1/2		1/2		1/2		1/2	
3/4	75,849	3/4	60,645	3/4	45,452	3/4	30,259	3/4	15,057	3/4	897	3/4		3/4		3/4		3/4	
9	75,532	9	60,328	9	45,136	9	29,943	9	14,740	9		9		9		9		9	
1/4	75,215	1/4	60,012	1/4	44,820	1/4	29,626	1/4	14,423	1/4		1/4		1/4		1/4		1/4	
1/2	74,898	1/2	59,695	1/2	44,504	1/2	29,309	1/2	14,106	1/2		1/2		1/2		1/2		1/2	
3/4	74,582	3/4	59,378	3/4	44,187	3/4	28,992	3/4	13,790	3/4		3/4		3/4		3/4		3/4	
10	74,265	10	59,061	10	43,871	10	28,676	10	13,473	10		10		10		10		10	
1/4	73,948	1/4	58,745	1/4	43,555	1/4	28,359	1/4	13,156	1/4		1/4		1/4		1/4		1/4	
1/2	73,631	1/2	58,428	1/2	43,239	1/2	28,042	1/2	12,839	1/2		1/2		1/2		1/2		1/2	
3/4	73,315	3/4	58,111	3/4	42,923	3/4	27,726	3/4	12,523	3/4		3/4		3/4		3/4		3/4	
11	72,998	11	57,795	11	42,606	11	27,409	11	12,206	11		11		11		11		11	
1/4	72,681	1/4	57,478	1/4	42,290	1/4	27,092	1/4	11,889	1/4		1/4		1/4		1/4		1/4	
1/2	72,364	1/2	57,161	1/2	41,974	1/2	26,775	1/2	11,573	1/2		1/2		1/2		1/2		1/2	
3/4	72,048	3/4	56,844	3/4	41,658	3/4	26,459	3/4	11,256	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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



BARGE "CBC 391"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

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 391"

2 STBD 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	86,246	0	71,046	0	55,847	0	41,186	0	26,136	0	10,937	0		0		0		0	
1/4	85,930	1/4	70,730	1/4	55,530	1/4	40,883	1/4	25,819	1/4	10,620	1/4		1/4		1/4		1/4	
1/2	85,613	1/2	70,413	1/2	55,213	1/2	40,581	1/2	25,502	1/2	10,303	1/2		1/2		1/2		1/2	
3/4	85,296	3/4	70,096	3/4	54,897	3/4	40,279	3/4	25,186	3/4	9,987	3/4		3/4		3/4		3/4	
1	84,980	1	69,780	1	54,580	1	39,977	1	24,869	1	9,670	1		1		1		1	
1/4	84,663	1/4	69,463	1/4	54,263	1/4	39,674	1/4	24,552	1/4	9,353	1/4		1/4		1/4		1/4	
1/2	84,346	1/2	69,146	1/2	53,947	1/2	39,372	1/2	24,236	1/2	9,037	1/2		1/2		1/2		1/2	
3/4	84,030	3/4	68,830	3/4	53,630	3/4	39,070	3/4	23,919	3/4	8,720	3/4		3/4		3/4		3/4	
2	83,713	2	68,513	2	53,315	2	38,765	2	23,603	2	8,403	2		2		2		2	
1/4	83,396	1/4	68,196	1/4	53,000	1/4	38,461	1/4	23,286	1/4	8,085	1/4		1/4		1/4		1/4	
1/2	83,080	1/2	67,880	1/2	52,685	1/2	38,156	1/2	22,969	1/2	7,768	1/2		1/2		1/2		1/2	
3/4	82,763	3/4	67,563	3/4	52,370	3/4	37,852	3/4	22,653	3/4	7,453	3/4		3/4		3/4		3/4	
3	82,446	3	67,246	3	52,067	3	37,535	3	22,336	3	7,137	3		3		3		3	
1/4	82,130	1/4	66,930	1/4	51,765	1/4	37,219	1/4	22,019	1/4	6,820	1/4		1/4		1/4		1/4	
1/2	81,813	1/2	66,613	1/2	51,462	1/2	36,902	1/2	21,703	1/2	6,503	1/2		1/2		1/2		1/2	
3/4	81,496	3/4	66,296	3/4	51,159	3/4	36,585	3/4	21,386	3/4	6,187	3/4		3/4		3/4		3/4	
4	81,180	4	65,980	4	50,857	4	36,269	4	21,069	4	5,870	4		4		4		4	
1/4	80,863	1/4	65,663	1/4	50,555	1/4	35,952	1/4	20,753	1/4	5,553	1/4		1/4		1/4		1/4	
1/2	80,546	1/2	65,346	1/2	50,253	1/2	35,635	1/2	20,436	1/2	5,237	1/2		1/2		1/2		1/2	
3/4	80,230	3/4	65,030	3/4	49,950	3/4	35,319	3/4	20,119	3/4	4,920	3/4		3/4		3/4		3/4	
5	79,913	5	64,713	5	49,648	5	35,002	5	19,803	5	4,607	5		5		5		5	
1/4	79,596	1/4	64,396	1/4	49,346	1/4	34,685	1/4	19,486	1/4	4,293	1/4		1/4		1/4		1/4	
1/2	79,280	1/2	64,080	1/2	49,044	1/2	34,369	1/2	19,169	1/2	3,980	1/2		1/2		1/2		1/2	
3/4	78,963	3/4	63,763	3/4	48,742	3/4	34,052	3/4	18,853	3/4	3,667	3/4		3/4		3/4		3/4	
6	78,646	6	63,446	6	48,439	6	33,735	6	18,537	6	3,383	6		6		6		6	
1/4	78,330	1/4	63,130	1/4	48,137	1/4	33,419	1/4	18,221	1/4	3,099	1/4		1/4		1/4		1/4	
1/2	78,013	1/2	62,813	1/2	47,835	1/2	33,102	1/2	17,905	1/2	2,816	1/2		1/2		1/2		1/2	
3/4	77,696	3/4	62,496	3/4	47,533	3/4	32,785	3/4	17,586	3/4	2,532	3/4		3/4		3/4		3/4	
7	77,380	7	62,180	7	47,230	7	32,469	7	17,270	7	2,301	7		7		7		7	
1/4	77,063	1/4	61,863	1/4	46,928	1/4	32,152	1/4	16,953	1/4	2,070	1/4		1/4		1/4		1/4	
1/2	76,746	1/2	61,546	1/2	46,626	1/2	31,835	1/2	16,636	1/2	1,840	1/2		1/2		1/2		1/2	
3/4	76,430	3/4	61,230	3/4	46,324	3/4	31,519	3/4	16,320	3/4	1,609	3/4		3/4		3/4		3/4	
8	76,113	8	60,913	8	46,021	8	31,202	8	16,003	8	1,431	8		8		8		8	
1/4	75,796	1/4	60,596	1/4	45,719	1/4	30,886	1/4	15,686	1/4	1,252	1/4		1/4		1/4		1/4	
1/2	75,480	1/2	60,280	1/2	45,417	1/2	30,569	1/2	15,370	1/2	1,074	1/2		1/2		1/2		1/2	
3/4	75,163	3/4	59,963	3/4	45,115	3/4	30,252	3/4	15,053	3/4	896	3/4		3/4		3/4		3/4	
9	74,846	9	59,646	9	44,812	9	29,936	9	14,736	9		9		9		9		9	
1/4	74,530	1/4	59,330	1/4	44,510	1/4	29,619	1/4	14,420	1/4		1/4		1/4		1/4		1/4	
1/2	74,213	1/2	59,013	1/2	44,208	1/2	29,302	1/2	14,103	1/2		1/2		1/2		1/2		1/2	
3/4	73,896	3/4	58,696	3/4	43,906	3/4	28,986	3/4	13,786	3/4		3/4		3/4		3/4		3/4	
10	73,580	10	58,380	10	43,603	10	28,669	10	13,470	10		10		10		10		10	
1/4	73,263	1/4	58,063	1/4	43,301	1/4	28,352	1/4	13,153	1/4		1/4		1/4		1/4		1/4	
1/2	72,946	1/2	57,746	1/2	42,999	1/2	28,036	1/2	12,836	1/2		1/2		1/2		1/2		1/2	
3/4	72,630	3/4	57,430	3/4	42,697	3/4	27,719	3/4	12,520	3/4		3/4		3/4		3/4		3/4	
11	72,313	11	57,113	11	42,395	11	27,402	11	12,203	11		11		11		11		11	
1/4	71,996	1/4	56,796	1/4	42,092	1/4	27,086	1/4	11,886	1/4		1/4		1/4		1/4		1/4	
1/2	71,680	1/2	56,480	1/2	41,790	1/2	26,769	1/2	11,570	1/2		1/2		1/2		1/2		1/2	
3/4	71,363	3/4	56,163	3/4	41,488	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: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 391"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 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	178,361	0	171,417	0	163,689	0	155,549	0	147,352	0	132,439	0	117,349	0	102,231		
1/4	1/4	1/4	178,225	1/4	171,264	1/4	163,520	1/4	155,379	1/4	147,165	1/4	132,126	1/4	117,035	1/4	101,916		
1/2	1/2	1/2	178,087	1/2	171,110	1/2	163,351	1/2	155,209	1/2	146,851	1/2	131,812	1/2	116,720	1/2	101,601		
3/4	3/4	3/4	177,950	3/4	170,956	3/4	163,181	3/4	155,040	3/4	146,538	3/4	131,497	3/4	116,405	3/4	101,286		
1	1	1	177,812	1	170,802	1	163,012	1	154,870	1	146,224	1	131,183	1	116,090	1	100,971		
1/4	1/4	1/4	184,648	1/4	177,674	1/4	170,648	1/4	162,843	1/4	154,700	1/4	145,910	1/4	130,869	1/4	115,775	1/4	100,656
1/2	1/2	1/2	184,578	1/2	177,536	1/2	170,493	1/2	162,673	1/2	154,531	1/2	145,597	1/2	130,554	1/2	115,460	1/2	100,341
3/4	3/4	3/4	184,509	3/4	177,397	3/4	170,338	3/4	162,503	3/4	154,361	3/4	145,283	3/4	130,240	3/4	115,145	3/4	100,026
2	2	2	184,439	2	177,258	2	170,182	2	162,334	2	154,191	2	144,969	2	129,925	2	114,830	2	99,711
1/4	1/4	1/4	184,370	1/4	177,119	1/4	170,027	1/4	162,164	1/4	154,022	1/4	144,656	1/4	129,611	1/4	114,515	1/4	99,396
1/2	1/2	1/2	184,249	1/2	176,979	1/2	169,870	1/2	161,994	1/2	153,852	1/2	144,342	1/2	129,297	1/2	114,200	1/2	99,081
3/4	3/4	3/4	184,129	3/4	176,839	3/4	169,713	3/4	161,825	3/4	153,683	3/4	144,029	3/4	128,982	3/4	113,885	3/4	98,766
3	3	3	184,008	3	176,699	3	169,557	3	161,655	3	153,513	3	143,715	3	128,668	3	113,570	3	98,451
1/4	1/4	1/4	183,887	1/4	176,559	1/4	169,400	1/4	161,486	1/4	153,343	1/4	143,401	1/4	128,353	1/4	113,255	1/4	98,136
1/2	1/2	1/2	183,725	1/2	176,417	1/2	169,242	1/2	161,316	1/2	153,174	1/2	143,088	1/2	128,039	1/2	112,940	1/2	97,821
3/4	3/4	3/4	183,564	3/4	176,276	3/4	169,084	3/4	161,146	3/4	153,004	3/4	142,774	3/4	127,725	3/4	112,625	3/4	97,506
4	4	4	183,402	4	176,134	4	168,926	4	160,977	4	152,834	4	142,460	4	127,410	4	112,310	4	97,191
1/4	1/4	1/4	183,240	1/4	175,993	1/4	168,768	1/4	160,807	1/4	152,665	1/4	142,147	1/4	127,096	1/4	111,996	1/4	96,876
1/2	1/2	1/2	183,073	1/2	175,850	1/2	168,608	1/2	160,637	1/2	152,495	1/2	141,833	1/2	126,782	1/2	111,681	1/2	96,561
3/4	3/4	3/4	182,905	3/4	175,707	3/4	168,449	3/4	160,468	3/4	152,326	3/4	141,520	3/4	126,467	3/4	111,366	3/4	96,246
5	5	5	182,738	5	175,565	5	168,290	5	160,298	5	152,156	5	141,206	5	126,153	5	111,051	5	95,931
1/4	1/4	1/4	182,570	1/4	175,422	1/4	168,131	1/4	160,128	1/4	151,986	1/4	140,892	1/4	125,838	1/4	110,736	1/4	95,616
1/2	1/2	1/2	182,403	1/2	175,278	1/2	167,970	1/2	159,959	1/2	151,817	1/2	140,579	1/2	125,524	1/2	110,421	1/2	95,301
3/4	3/4	3/4	182,236	3/4	175,133	3/4	167,809	3/4	159,789	3/4	151,647	3/4	140,265	3/4	125,210	3/4	110,106	3/4	94,986
6	6	6	182,068	6	174,989	6	167,649	6	159,620	6	151,477	6	139,952	6	124,895	6	109,791	6	94,671
1/4	1/4	1/4	181,901	1/4	174,845	1/4	167,488	1/4	159,450	1/4	151,308	1/4	139,638	1/4	124,581	1/4	109,476	1/4	94,356
1/2	1/2	1/2	181,733	1/2	174,700	1/2	167,326	1/2	159,280	1/2	151,138	1/2	139,325	1/2	124,266	1/2	109,161	1/2	94,041
3/4	3/4	3/4	181,566	3/4	174,554	3/4	167,164	3/4	159,111	3/4	150,969	3/4	139,012	3/4	123,952	3/4	108,846	3/4	93,726
7	7	7	181,399	7	174,409	7	167,002	7	158,941	7	150,799	7	138,699	7	123,638	7	108,531	7	93,411
1/4	1/4	1/4	181,231	1/4	174,263	1/4	166,839	1/4	158,771	1/4	150,629	1/4	138,386	1/4	123,323	1/4	108,216	1/4	93,096
1/2	1/2	1/2	181,064	1/2	174,116	1/2	166,676	1/2	158,602	1/2	150,460	1/2	138,073	1/2	123,009	1/2	107,901	1/2	92,781
3/4	3/4	3/4	180,896	3/4	173,970	3/4	166,513	3/4	158,432	3/4	150,290	3/4	137,760	3/4	122,694	3/4	107,586	3/4	92,466
8	8	8	180,729	8	173,823	8	166,349	8	158,263	8	150,120	8	137,447	8	122,380	8	107,271	8	92,151
1/4	1/4	1/4	180,562	1/4	173,676	1/4	166,186	1/4	158,093	1/4	149,951	1/4	137,134	1/4	122,066	1/4	106,956	1/4	91,836
1/2	1/2	1/2	180,396	1/2	173,527	1/2	166,021	1/2	157,923	1/2	149,781	1/2	136,822	1/2	121,751	1/2	106,641	1/2	91,521
3/4	3/4	3/4	180,231	3/4	173,378	3/4	165,857	3/4	157,754	3/4	149,612	3/4	136,509	3/4	121,437	3/4	106,326	3/4	91,206
9	9	9	180,066	9	173,230	9	165,692	9	157,584	9	149,442	9	136,196	9	121,122	9	106,011	9	90,891
1/4	1/4	1/4	179,901	1/4	173,081	1/4	165,528	1/4	157,414	1/4	149,272	1/4	135,883	1/4	120,808	1/4	105,696	1/4	90,576
1/2	1/2	1/2	179,753	1/2	172,931	1/2	165,362	1/2	157,245	1/2	149,103	1/2	135,570	1/2	120,494	1/2	105,381	1/2	90,261
3/4	3/4	3/4	179,605	3/4	172,781	3/4	165,196	3/4	157,075	3/4	148,933	3/4	135,257	3/4	120,179	3/4	105,066	3/4	89,946
10	10	10	179,457	10	172,630	10	165,030	10	156,906	10	148,763	10	134,944	10	119,865	10	104,751	10	89,631
1/4	1/4	1/4	179,309	1/4	172,480	1/4	164,864	1/4	156,736	1/4	148,594	1/4	134,631	1/4	119,550	1/4	104,436	1/4	89,316
1/2	1/2	1/2	179,174	1/2	172,329	1/2	164,697	1/2	156,566	1/2	148,424	1/2	134,318	1/2	119,236	1/2	104,121	1/2	89,001
3/4	3/4	3/4	179,039	3/4	172,177	3/4	164,529	3/4	156,397	3/4	148,254	3/4	134,005	3/4	118,922	3/4	103,806	3/4	88,686
11	11	11	178,904	11	172,026	11	164,362	11	156,227	11	148,085	11	133,692	11	118,607	11	103,491	11	88,371
1/4	1/4	1/4	178,770	1/4	171,875	1/4	164,195	1/4	156,057	1/4	147,915	1/4	133,379	1/4	118,293	1/4	103,176	1/4	88,056
1/2	1/2	1/2	178,633	1/2	171,722	1/2	164,026	1/2	155,888	1/2	147,728	1/2	133,066	1/2	117,978	1/2	102,861	1/2	87,741
3/4	3/4	3/4	178,497	3/4	171,569	3/4	163,858	3/4	155,718	3/4	147,540	3/4	132,753	3/4	117,664	3/4	102,546	3/4	87,426

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

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



BARGE "CBC 391"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 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	87,111	0	71,988	0	56,865	0	41,753	0	26,635	0	11,512	0		0		0		0	
1/4	86,796	1/4	71,673	1/4	56,550	1/4	41,438	1/4	26,320	1/4	11,197	1/4		1/4		1/4		1/4	
1/2	86,481	1/2	71,358	1/2	56,235	1/2	41,124	1/2	26,004	1/2	10,882	1/2		1/2		1/2		1/2	
3/4	86,166	3/4	71,043	3/4	55,920	3/4	40,809	3/4	25,689	3/4	10,567	3/4		3/4		3/4		3/4	
1	85,851	1	70,728	1	55,605	1	40,494	1	25,374	1	10,252	1		1		1		1	
1/4	85,537	1/4	70,413	1/4	55,290	1/4	40,180	1/4	25,059	1/4	9,937	1/4		1/4		1/4		1/4	
1/2	85,221	1/2	70,098	1/2	54,975	1/2	39,865	1/2	24,744	1/2	9,621	1/2		1/2		1/2		1/2	
3/4	84,906	3/4	69,783	3/4	54,660	3/4	39,550	3/4	24,429	3/4	9,306	3/4		3/4		3/4		3/4	
2	84,591	2	69,468	2	54,344	2	39,236	2	24,114	2	8,991	2		2		2		2	
1/4	84,276	1/4	69,153	1/4	54,029	1/4	38,921	1/4	23,799	1/4	8,676	1/4		1/4		1/4		1/4	
1/2	83,961	1/2	68,838	1/2	53,714	1/2	38,606	1/2	23,484	1/2	8,361	1/2		1/2		1/2		1/2	
3/4	83,646	3/4	68,523	3/4	53,399	3/4	38,291	3/4	23,169	3/4	8,045	3/4		3/4		3/4		3/4	
3	83,331	3	68,208	3	53,084	3	37,976	3	22,854	3	7,729	3		3		3		3	
1/4	83,016	1/4	67,893	1/4	52,769	1/4	37,662	1/4	22,539	1/4	7,416	1/4		1/4		1/4		1/4	
1/2	82,701	1/2	67,577	1/2	52,454	1/2	37,347	1/2	22,224	1/2	7,101	1/2		1/2		1/2		1/2	
3/4	82,386	3/4	67,262	3/4	52,139	3/4	37,032	3/4	21,909	3/4	6,786	3/4		3/4		3/4		3/4	
4	82,071	4	66,947	4	51,824	4	36,716	4	21,594	4	6,471	4		4		4		4	
1/4	81,756	1/4	66,632	1/4	51,509	1/4	36,401	1/4	21,279	1/4	6,156	1/4		1/4		1/4		1/4	
1/2	81,441	1/2	66,317	1/2	51,194	1/2	36,086	1/2	20,964	1/2	5,841	1/2		1/2		1/2		1/2	
3/4	81,126	3/4	66,002	3/4	50,879	3/4	35,771	3/4	20,648	3/4	5,526	3/4		3/4		3/4		3/4	
5	80,810	5	65,687	5	50,564	5	35,456	5	20,333	5	5,211	5		5		5		5	
1/4	80,495	1/4	65,372	1/4	50,249	1/4	35,141	1/4	20,018	1/4	4,896	1/4		1/4		1/4		1/4	
1/2	80,180	1/2	65,057	1/2	49,935	1/2	34,826	1/2	19,703	1/2	4,584	1/2		1/2		1/2		1/2	
3/4	79,865	3/4	64,742	3/4	49,620	3/4	34,511	3/4	19,388	3/4	4,272	3/4		3/4		3/4		3/4	
6	79,550	6	64,427	6	49,305	6	34,196	6	19,073	6	3,960	6		6		6		6	
1/4	79,235	1/4	64,112	1/4	48,990	1/4	33,881	1/4	18,758	1/4	3,649	1/4		1/4		1/4		1/4	
1/2	78,920	1/2	63,797	1/2	48,676	1/2	33,566	1/2	18,444	1/2	3,366	1/2		1/2		1/2		1/2	
3/4	78,605	3/4	63,482	3/4	48,361	3/4	33,251	3/4	18,130	3/4	3,084	3/4		3/4		3/4		3/4	
7	78,290	7	63,166	7	48,046	7	32,936	7	17,815	7	2,802	7		7		7		7	
1/4	77,975	1/4	62,851	1/4	47,732	1/4	32,621	1/4	17,498	1/4	2,520	1/4		1/4		1/4		1/4	
1/2	77,660	1/2	62,536	1/2	47,417	1/2	32,306	1/2	17,183	1/2	2,290	1/2		1/2		1/2		1/2	
3/4	77,345	3/4	62,221	3/4	47,102	3/4	31,991	3/4	16,868	3/4	2,060	3/4		3/4		3/4		3/4	
8	77,030	8	61,906	8	46,788	8	31,676	8	16,553	8	1,830	8		8		8		8	
1/4	76,715	1/4	61,591	1/4	46,473	1/4	31,360	1/4	16,238	1/4	1,601	1/4		1/4		1/4		1/4	
1/2	76,399	1/2	61,276	1/2	46,158	1/2	31,045	1/2	15,923	1/2	1,424	1/2		1/2		1/2		1/2	
3/4	76,084	3/4	60,961	3/4	45,844	3/4	30,730	3/4	15,608	3/4	1,246	3/4		3/4		3/4		3/4	
9	75,769	9	60,646	9	45,529	9	30,415	9	15,293	9	1,069	9		9		9		9	
1/4	75,454	1/4	60,331	1/4	45,214	1/4	30,100	1/4	14,977	1/4	892	1/4		1/4		1/4		1/4	
1/2	75,139	1/2	60,016	1/2	44,900	1/2	29,785	1/2	14,662	1/2		1/2		1/2		1/2		1/2	
3/4	74,824	3/4	59,701	3/4	44,585	3/4	29,470	3/4	14,347	3/4		3/4		3/4		3/4		3/4	
10	74,509	10	59,386	10	44,270	10	29,155	10	14,032	10		10		10		10		10	
1/4	74,194	1/4	59,071	1/4	43,956	1/4	28,840	1/4	13,717	1/4		1/4		1/4		1/4		1/4	
1/2	73,879	1/2	58,755	1/2	43,641	1/2	28,525	1/2	13,402	1/2		1/2		1/2		1/2		1/2	
3/4	73,564	3/4	58,440	3/4	43,326	3/4	28,210	3/4	13,087	3/4		3/4		3/4		3/4		3/4	
11	73,249	11	58,125	11	43,012	11	27,895	11	12,772	11		11		11		11		11	
1/4	72,934	1/4	57,810	1/4	42,697	1/4	27,580	1/4	12,457	1/4		1/4		1/4		1/4		1/4	
1/2	72,619	1/2	57,495	1/2	42,382	1/2	27,265	1/2	12,142	1/2		1/2		1/2		1/2		1/2	
3/4	72,304	3/4	57,180	3/4	42,068	3/4	26,950	3/4	11,827	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 391"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE 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	176,984	0	170,034	0	162,302	0	154,188	0	145,857	0	130,842	0	115,783	0	100,688		
1/4	1/4	1/4	176,847	1/4	169,881	1/4	162,134	1/4	154,019	1/4	145,544	1/4	130,528	1/4	115,469	1/4	100,374		
1/2	1/2	1/2	176,710	1/2	169,728	1/2	161,965	1/2	153,850	1/2	145,231	1/2	130,214	1/2	115,155	1/2	100,059		
3/4	3/4	3/4	183,519	3/4	176,573	3/4	169,574	3/4	161,796	3/4	153,681	3/4	144,917	3/4	129,900	3/4	114,839	3/4	99,745
1	1	1	183,450	1	176,435	1	169,419	1	161,627	1	153,512	1	144,604	1	129,587	1	114,524	1	99,430
1/4	1/4	1/4	183,381	1/4	176,296	1/4	169,265	1/4	161,458	1/4	153,343	1/4	144,291	1/4	129,273	1/4	114,210	1/4	99,116
1/2	1/2	1/2	183,312	1/2	176,158	1/2	169,110	1/2	161,289	1/2	153,173	1/2	143,978	1/2	128,959	1/2	113,895	1/2	98,801
3/4	3/4	3/4	183,243	3/4	176,020	3/4	168,955	3/4	161,120	3/4	153,004	3/4	143,665	3/4	128,645	3/4	113,581	3/4	98,487
2	2	2	183,123	2	175,880	2	168,799	2	160,950	2	152,835	2	143,352	2	128,331	2	113,267	2	98,172
1/4	1/4	1/4	183,003	1/4	175,741	1/4	168,643	1/4	160,781	1/4	152,666	1/4	143,039	1/4	128,018	1/4	112,952	1/4	97,858
1/2	1/2	1/2	182,883	1/2	175,601	1/2	168,487	1/2	160,612	1/2	152,497	1/2	142,726	1/2	127,704	1/2	112,638	1/2	97,543
3/4	3/4	3/4	182,763	3/4	175,462	3/4	168,330	3/4	160,443	3/4	152,328	3/4	142,413	3/4	127,391	3/4	112,323	3/4	97,229
3	3	3	182,602	3	175,321	3	168,173	3	160,274	3	152,159	3	142,099	3	127,077	3	112,009	3	96,914
1/4	1/4	1/4	182,440	1/4	175,180	1/4	168,015	1/4	160,105	1/4	151,990	1/4	141,786	1/4	126,764	1/4	111,694	1/4	96,600
1/2	1/2	1/2	182,279	1/2	175,039	1/2	167,858	1/2	159,936	1/2	151,821	1/2	141,473	1/2	126,450	1/2	111,380	1/2	96,285
3/4	3/4	3/4	182,118	3/4	174,898	3/4	167,701	3/4	159,767	3/4	151,652	3/4	141,160	3/4	126,136	3/4	111,066	3/4	95,971
4	4	4	181,951	4	174,756	4	167,542	4	159,598	4	151,483	4	140,847	4	125,823	4	110,751	4	95,656
1/4	1/4	1/4	181,784	1/4	174,614	1/4	167,383	1/4	159,429	1/4	151,314	1/4	140,534	1/4	125,509	1/4	110,436	1/4	95,342
1/2	1/2	1/2	181,618	1/2	174,472	1/2	167,224	1/2	159,260	1/2	151,145	1/2	140,221	1/2	125,196	1/2	110,121	1/2	95,027
3/4	3/4	3/4	181,451	3/4	174,330	3/4	167,066	3/4	159,091	3/4	150,976	3/4	139,908	3/4	124,882	3/4	109,808	3/4	94,713
5	5	5	181,284	5	174,186	5	166,906	5	158,922	5	150,807	5	139,595	5	124,569	5	109,493	5	94,398
1/4	1/4	1/4	181,117	1/4	174,042	1/4	166,745	1/4	158,753	1/4	150,638	1/4	139,282	1/4	124,255	1/4	109,179	1/4	94,084
1/2	1/2	1/2	180,950	1/2	173,899	1/2	166,585	1/2	158,584	1/2	150,468	1/2	138,969	1/2	123,941	1/2	108,865	1/2	93,769
3/4	3/4	3/4	180,783	3/4	173,755	3/4	166,425	3/4	158,414	3/4	150,299	3/4	138,656	3/4	123,628	3/4	108,550	3/4	93,455
6	6	6	180,617	6	173,610	6	166,264	6	158,245	6	150,130	6	138,343	6	123,314	6	108,236	6	93,140
1/4	1/4	1/4	180,450	1/4	173,465	1/4	166,102	1/4	158,076	1/4	149,961	1/4	138,031	1/4	123,001	1/4	107,921	1/4	92,826
1/2	1/2	1/2	180,283	1/2	173,320	1/2	165,941	1/2	157,907	1/2	149,792	1/2	137,718	1/2	122,687	1/2	107,607	1/2	92,511
3/4	3/4	3/4	180,116	3/4	173,176	3/4	165,779	3/4	157,738	3/4	149,623	3/4	137,406	3/4	122,374	3/4	107,292	3/4	92,197
7	7	7	179,949	7	173,029	7	165,616	7	157,569	7	149,454	7	137,093	7	122,060	7	106,978	7	91,883
1/4	1/4	1/4	179,782	1/4	172,883	1/4	165,454	1/4	157,400	1/4	149,285	1/4	136,781	1/4	121,746	1/4	106,663	1/4	91,568
1/2	1/2	1/2	179,616	1/2	172,737	1/2	165,291	1/2	157,231	1/2	149,116	1/2	136,468	1/2	121,433	1/2	106,349	1/2	91,254
3/4	3/4	3/4	179,449	3/4	172,591	3/4	165,128	3/4	157,062	3/4	148,947	3/4	136,156	3/4	121,119	3/4	106,034	3/4	90,939
8	8	8	179,284	8	172,442	8	164,964	8	156,893	8	148,778	8	135,844	8	120,805	8	105,720	8	90,625
1/4	1/4	1/4	179,119	1/4	172,294	1/4	164,800	1/4	156,724	1/4	148,609	1/4	135,531	1/4	120,491	1/4	105,405	1/4	90,310
1/2	1/2	1/2	178,955	1/2	172,146	1/2	164,636	1/2	156,555	1/2	148,440	1/2	135,219	1/2	120,177	1/2	105,091	1/2	89,996
3/4	3/4	3/4	178,790	3/4	171,998	3/4	164,472	3/4	156,386	3/4	148,271	3/4	134,906	3/4	119,864	3/4	104,776	3/4	89,681
9	9	9	178,643	9	171,848	9	164,306	9	156,217	9	148,102	9	134,594	9	119,550	9	104,462	9	89,367
1/4	1/4	1/4	178,495	1/4	171,699	1/4	164,141	1/4	156,048	1/4	147,933	1/4	134,281	1/4	119,236	1/4	104,147	1/4	89,052
1/2	1/2	1/2	178,348	1/2	171,549	1/2	163,976	1/2	155,879	1/2	147,763	1/2	133,969	1/2	118,922	1/2	103,833	1/2	88,738
3/4	3/4	3/4	178,200	3/4	171,400	3/4	163,811	3/4	155,709	3/4	147,594	3/4	133,656	3/4	118,608	3/4	103,518	3/4	88,423
10	10	10	178,066	10	171,249	10	163,644	10	155,540	10	147,425	10	133,344	10	118,294	10	103,204	10	88,109
1/4	1/4	1/4	177,932	1/4	171,098	1/4	163,477	1/4	155,371	1/4	147,256	1/4	133,031	1/4	117,980	1/4	102,889	1/4	87,794
1/2	1/2	1/2	177,798	1/2	170,947	1/2	163,310	1/2	155,202	1/2	147,087	1/2	132,719	1/2	117,666	1/2	102,575	1/2	87,480
3/4	3/4	3/4	177,664	3/4	170,796	3/4	163,144	3/4	155,033	3/4	146,918	3/4	132,407	3/4	117,352	3/4	102,261	3/4	87,165
11	11	11	177,528	11	170,644	11	162,975	11	154,864	11	146,731	11	132,094	11	117,039	11	101,946	11	86,851
1/4	1/4	1/4	177,392	1/4	170,492	1/4	162,807	1/4	154,695	1/4	146,544	1/4	131,781	1/4	116,725	1/4	101,632	1/4	86,536
1/2	1/2	1/2	177,257	1/2	170,340	1/2	162,639	1/2	154,526	1/2	146,357	1/2	131,469	1/2	116,411	1/2	101,317	1/2	86,222
3/4	3/4	3/4	177,121	3/4	170,188	3/4	162,471	3/4	154,357	3/4	146,170	3/4	131,156	3/4	116,097	3/4	101,003	3/4	85,907

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

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



BARGE "CBC 391"

3 STBD 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	85,593	0	70,494	0	55,451	0	40,774	0	25,972	0	10,869	0		0		0		0	
1/4	85,278	1/4	70,180	1/4	55,139	1/4	40,474	1/4	25,657	1/4	10,554	1/4		1/4		1/4		1/4	
1/2	84,964	1/2	69,865	1/2	54,827	1/2	40,173	1/2	25,343	1/2	10,240	1/2		1/2		1/2		1/2	
3/4	84,649	3/4	69,551	3/4	54,515	3/4	39,873	3/4	25,028	3/4	9,925	3/4		3/4		3/4		3/4	
1	84,335	1	69,236	1	54,203	1	39,572	1	24,713	1	9,610	1		1		1		1	
1/4	84,020	1/4	68,921	1/4	53,891	1/4	39,272	1/4	24,399	1/4	9,296	1/4		1/4		1/4		1/4	
1/2	83,706	1/2	68,607	1/2	53,579	1/2	38,971	1/2	24,084	1/2	8,981	1/2		1/2		1/2		1/2	
3/4	83,391	3/4	68,292	3/4	53,267	3/4	38,671	3/4	23,769	3/4	8,666	3/4		3/4		3/4		3/4	
2	83,077	2	67,978	2	52,955	2	38,370	2	23,455	2	8,351	2		2		2		2	
1/4	82,762	1/4	67,663	1/4	52,644	1/4	38,069	1/4	23,140	1/4	8,036	1/4		1/4		1/4		1/4	
1/2	82,447	1/2	67,349	1/2	52,332	1/2	37,769	1/2	22,825	1/2	7,720	1/2		1/2		1/2		1/2	
3/4	82,133	3/4	67,034	3/4	52,020	3/4	37,468	3/4	22,511	3/4	7,408	3/4		3/4		3/4		3/4	
3	81,818	3	66,719	3	51,709	3	37,166	3	22,196	3	7,093	3		3		3		3	
1/4	81,504	1/4	66,405	1/4	51,397	1/4	36,865	1/4	21,881	1/4	6,778	1/4		1/4		1/4		1/4	
1/2	81,189	1/2	66,090	1/2	51,086	1/2	36,563	1/2	21,567	1/2	6,464	1/2		1/2		1/2		1/2	
3/4	80,875	3/4	65,776	3/4	50,775	3/4	36,262	3/4	21,252	3/4	6,149	3/4		3/4		3/4		3/4	
4	80,560	4	65,461	4	50,463	4	35,960	4	20,938	4	5,834	4		4		4		4	
1/4	80,246	1/4	65,147	1/4	50,152	1/4	35,658	1/4	20,623	1/4	5,519	1/4		1/4		1/4		1/4	
1/2	79,931	1/2	64,832	1/2	49,841	1/2	35,357	1/2	20,308	1/2	5,205	1/2		1/2		1/2		1/2	
3/4	79,616	3/4	64,518	3/4	49,530	3/4	35,055	3/4	19,994	3/4	4,890	3/4		3/4		3/4		3/4	
5	79,302	5	64,203	5	49,219	5	34,751	5	19,679	5	4,578	5		5		5		5	
1/4	78,987	1/4	63,888	1/4	48,908	1/4	34,446	1/4	19,364	1/4	4,267	1/4		1/4		1/4		1/4	
1/2	78,673	1/2	63,574	1/2	48,597	1/2	34,142	1/2	19,050	1/2	3,956	1/2		1/2		1/2		1/2	
3/4	78,358	3/4	63,259	3/4	48,286	3/4	33,838	3/4	18,735	3/4	3,644	3/4		3/4		3/4		3/4	
6	78,044	6	62,945	6	47,986	6	33,523	6	18,421	6	3,363	6		6		6		6	
1/4	77,729	1/4	62,631	1/4	47,685	1/4	33,209	1/4	18,107	1/4	3,081	1/4		1/4		1/4		1/4	
1/2	77,415	1/2	62,317	1/2	47,385	1/2	32,894	1/2	17,793	1/2	2,800	1/2		1/2		1/2		1/2	
3/4	77,100	3/4	62,002	3/4	47,084	3/4	32,579	3/4	17,477	3/4	2,519	3/4		3/4		3/4		3/4	
7	76,785	7	61,690	7	46,784	7	32,265	7	17,162	7	2,289	7		7		7		7	
1/4	76,471	1/4	61,378	1/4	46,483	1/4	31,950	1/4	16,847	1/4	2,060	1/4		1/4		1/4		1/4	
1/2	76,156	1/2	61,066	1/2	46,183	1/2	31,635	1/2	16,533	1/2	1,831	1/2		1/2		1/2		1/2	
3/4	75,842	3/4	60,755	3/4	45,882	3/4	31,321	3/4	16,218	3/4	1,601	3/4		3/4		3/4		3/4	
8	75,527	8	60,443	8	45,582	8	31,006	8	15,903	8	1,424	8		8		8		8	
1/4	75,213	1/4	60,131	1/4	45,281	1/4	30,692	1/4	15,589	1/4	1,247	1/4		1/4		1/4		1/4	
1/2	74,898	1/2	59,819	1/2	44,981	1/2	30,377	1/2	15,274	1/2	1,069	1/2		1/2		1/2		1/2	
3/4	74,583	3/4	59,507	3/4	44,680	3/4	30,062	3/4	14,959	3/4	892	3/4		3/4		3/4		3/4	
9	74,269	9	59,195	9	44,380	9	29,748	9	14,645	9		9		9		9		9	
1/4	73,954	1/4	58,883	1/4	44,079	1/4	29,433	1/4	14,330	1/4		1/4		1/4		1/4		1/4	
1/2	73,640	1/2	58,571	1/2	43,779	1/2	29,118	1/2	14,015	1/2		1/2		1/2		1/2		1/2	
3/4	73,325	3/4	58,259	3/4	43,478	3/4	28,804	3/4	13,701	3/4		3/4		3/4		3/4		3/4	
10	73,011	10	57,947	10	43,178	10	28,489	10	13,386	10		10		10		10		10	
1/4	72,696	1/4	57,635	1/4	42,877	1/4	28,174	1/4	13,071	1/4		1/4		1/4		1/4		1/4	
1/2	72,382	1/2	57,323	1/2	42,577	1/2	27,860	1/2	12,757	1/2		1/2		1/2		1/2		1/2	
3/4	72,067	3/4	57,011	3/4	42,276	3/4	27,545	3/4	12,442	3/4		3/4		3/4		3/4		3/4	
11	71,752	11	56,699	11	41,976	11	27,230	11	12,128	11		11		11		11		11	
1/4	71,438	1/4	56,387	1/4	41,676	1/4	26,916	1/4	11,813	1/4		1/4		1/4		1/4		1/4	
1/2	71,123	1/2	56,075	1/2	41,375	1/2	26,601	1/2	11,498	1/2		1/2		1/2		1/2		1/2	
3/4	70,809	3/4	55,763	3/4	41,075	3/4	26,286	3/4	11,184	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/19/2014 CL
CALCULATED: 05/19/2014 CL
PRINTED: 05/19/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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