



BARGE "CBC 397"

INNAGE TRIM TABLE

HULL C-1122

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
1 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 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 = 2'-00"
 AFT DRAFT = 4'-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'-03"

July 21, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 397"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	894	0	14,980	0	30,103	0	44,742	0	59,588	0	74,686	0	89,804	0	104,920	0	120,028	0	135,091
1/4	1,071	1/4	15,295	1/4	30,419	1/4	45,042	1/4	59,901	1/4	75,001	1/4	90,119	1/4	105,235	1/4	120,342	1/4	135,404
1/2	1,248	1/2	15,610	1/2	30,734	1/2	45,343	1/2	60,213	1/2	75,316	1/2	90,434	1/2	105,550	1/2	120,657	1/2	135,717
3/4	1,426	3/4	15,925	3/4	31,049	3/4	45,644	3/4	60,525	3/4	75,631	3/4	90,749	3/4	105,865	3/4	120,971	3/4	136,030
1	1,603	1	16,240	1	31,364	1	45,945	1	60,838	1	75,946	1	91,064	1	106,180	1	121,285	1	136,343
1/4	1,833	1/4	16,555	1/4	31,679	1/4	46,246	1/4	61,150	1/4	76,261	1/4	91,379	1/4	106,495	1/4	121,599	1/4	136,656
1/2	2,063	1/2	16,870	1/2	31,994	1/2	46,547	1/2	61,463	1/2	76,576	1/2	91,694	1/2	106,810	1/2	121,913	1/2	136,969
3/4	2,292	3/4	17,185	3/4	32,309	3/4	46,848	3/4	61,775	3/4	76,891	3/4	92,009	3/4	107,125	3/4	122,227	3/4	137,281
2	2,522	2	17,500	2	32,624	2	47,149	2	62,087	2	77,206	2	92,324	2	107,440	2	122,542	2	137,594
1/4	2,804	1/4	17,818	1/4	32,939	1/4	47,450	1/4	62,402	1/4	77,521	1/4	92,638	1/4	107,754	1/4	122,856	1/4	137,907
1/2	3,086	1/2	18,132	1/2	33,254	1/2	47,750	1/2	62,717	1/2	77,836	1/2	92,953	1/2	108,069	1/2	123,170	1/2	138,220
3/4	3,368	3/4	18,446	3/4	33,569	3/4	48,051	3/4	63,031	3/4	78,151	3/4	93,268	3/4	108,384	3/4	123,484	3/4	138,533
3	3,649	3	18,761	3	33,884	3	48,352	3	63,346	3	78,466	3	93,583	3	108,699	3	123,798	3	138,846
1/4	3,961	1/4	19,076	1/4	34,189	1/4	48,664	1/4	63,661	1/4	78,781	1/4	93,898	1/4	109,014	1/4	124,112	1/4	139,159
1/2	4,273	1/2	19,391	1/2	34,494	1/2	48,975	1/2	63,976	1/2	79,096	1/2	94,213	1/2	109,329	1/2	124,426	1/2	139,473
3/4	4,585	3/4	19,706	3/4	34,798	3/4	49,286	3/4	64,291	3/4	79,411	3/4	94,528	3/4	109,644	3/4	124,740	3/4	139,786
4	4,896	4	20,021	4	35,103	4	49,598	4	64,606	4	79,726	4	94,843	4	109,959	4	125,054	4	140,100
1/4	5,212	1/4	20,336	1/4	35,405	1/4	49,909	1/4	64,921	1/4	80,041	1/4	95,158	1/4	110,272	1/4	125,368	1/4	140,413
1/2	5,527	1/2	20,651	1/2	35,707	1/2	50,221	1/2	65,236	1/2	80,356	1/2	95,473	1/2	110,587	1/2	125,682	1/2	140,727
3/4	5,842	3/4	20,966	3/4	36,009	3/4	50,533	3/4	65,551	3/4	80,671	3/4	95,788	3/4	110,903	3/4	125,996	3/4	141,040
5	6,158	5	21,281	5	36,311	5	50,844	5	65,866	5	80,986	5	96,103	5	111,218	5	126,310	5	141,354
1/4	6,473	1/4	21,596	1/4	36,613	1/4	51,156	1/4	66,181	1/4	81,301	1/4	96,417	1/4	111,533	1/4	126,624	1/4	141,667
1/2	6,788	1/2	21,911	1/2	36,915	1/2	51,468	1/2	66,496	1/2	81,616	1/2	96,732	1/2	111,848	1/2	126,938	1/2	141,981
3/4	7,103	3/4	22,227	3/4	37,217	3/4	51,780	3/4	66,811	3/4	81,931	3/4	97,047	3/4	112,163	3/4	127,252	3/4	142,294
6	7,418	6	22,542	6	37,519	6	52,091	6	67,126	6	82,246	6	97,362	6	112,477	6	127,566	6	142,608
1/4	7,731	1/4	22,857	1/4	37,820	1/4	52,404	1/4	67,441	1/4	82,561	1/4	97,677	1/4	112,792	1/4	127,880	1/4	142,922
1/2	8,047	1/2	23,172	1/2	38,122	1/2	52,716	1/2	67,756	1/2	82,876	1/2	97,992	1/2	113,107	1/2	128,194	1/2	143,235
3/4	8,363	3/4	23,487	3/4	38,423	3/4	53,028	3/4	68,071	3/4	83,191	3/4	98,307	3/4	113,422	3/4	128,508	3/4	143,549
7	8,678	7	23,802	7	38,724	7	53,340	7	68,386	7	83,506	7	98,622	7	113,737	7	128,822	7	143,862
1/4	8,993	1/4	24,117	1/4	39,025	1/4	53,653	1/4	68,701	1/4	83,821	1/4	98,937	1/4	114,052	1/4	129,136	1/4	144,176
1/2	9,308	1/2	24,432	1/2	39,326	1/2	53,965	1/2	69,016	1/2	84,136	1/2	99,252	1/2	114,367	1/2	129,450	1/2	144,489
3/4	9,624	3/4	24,747	3/4	39,626	3/4	54,278	3/4	69,331	3/4	84,451	3/4	99,567	3/4	114,681	3/4	129,764	3/4	144,803
8	9,939	8	25,062	8	39,927	8	54,590	8	69,646	8	84,766	8	99,882	8	114,996	8	130,079	8	145,116
1/4	10,254	1/4	25,377	1/4	40,228	1/4	54,902	1/4	69,961	1/4	85,080	1/4	100,196	1/4	115,313	1/4	130,393	1/4	145,430
1/2	10,569	1/2	25,692	1/2	40,529	1/2	55,215	1/2	70,276	1/2	85,395	1/2	100,511	1/2	115,627	1/2	130,707	1/2	145,743
3/4	10,884	3/4	26,007	3/4	40,830	3/4	55,527	3/4	70,591	3/4	85,710	3/4	100,826	3/4	115,942	3/4	131,022	3/4	146,057
9	11,199	9	26,323	9	41,131	9	55,840	9	70,906	9	86,025	9	101,141	9	116,256	9	131,336	9	146,370
1/4	11,514	1/4	26,638	1/4	41,432	1/4	56,152	1/4	71,221	1/4	86,340	1/4	101,456	1/4	116,570	1/4	131,649	1/4	146,588
1/2	11,829	1/2	26,953	1/2	41,733	1/2	56,464	1/2	71,536	1/2	86,655	1/2	101,771	1/2	116,885	1/2	131,962	1/2	146,745
3/4	12,144	3/4	27,268	3/4	42,034	3/4	56,777	3/4	71,851	3/4	86,970	3/4	102,086	3/4	117,199	3/4	132,275	3/4	146,932
10	12,459	10	27,583	10	42,334	10	57,089	10	72,166	10	87,285	10	102,401	10	117,514	10	132,588	10	147,120
1/4	12,774	1/4	27,898	1/4	42,635	1/4	57,402	1/4	72,481	1/4	87,600	1/4	102,716	1/4	117,828	1/4	132,901	1/4	147,289
1/2	13,089	1/2	28,213	1/2	42,936	1/2	57,714	1/2	72,796	1/2	87,915	1/2	103,031	1/2	118,142	1/2	133,214	1/2	147,458
3/4	13,404	3/4	28,528	3/4	43,237	3/4	58,026	3/4	73,111	3/4	88,230	3/4	103,346	3/4	118,456	3/4	133,527	3/4	147,628
11	13,720	11	28,843	11	43,538	11	58,339	11	73,426	11	88,545	11	103,661	11	118,771	11	133,840	11	147,797
1/4	14,035	1/4	29,158	1/4	43,839	1/4	58,651	1/4	73,741	1/4	88,859	1/4	103,975	1/4	119,085	1/4	134,153	1/4	147,966
1/2	14,350	1/2	29,473	1/2	44,140	1/2	58,964	1/2	74,056	1/2	89,174	1/2	104,290	1/2	119,399	1/2	134,466	1/2	148,136
3/4	14,665	3/4	29,788	3/4	44,441	3/4	59,276	3/4	74,371	3/4	89,489	3/4	104,605	3/4	119,714	3/4	134,778	3/4	148,305

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'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 397"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	148,474	0	156,600	0	164,697	0	172,234	0	179,035	0		0		0		0		0	
1/4	148,643	1/4	156,770	1/4	164,862	1/4	172,382	1/4	179,200	1/4		1/4		1/4		1/4		1/4	
1/2	148,813	1/2	156,939	1/2	165,026	1/2	172,531	1/2	179,365	1/2		1/2		1/2		1/2		1/2	
3/4	148,982	3/4	157,108	3/4	165,190	3/4	172,679	3/4	179,530	3/4		3/4		3/4		3/4		3/4	
1	149,151	1	157,278	1	165,355	1	172,827	1	179,695	1		1		1		1		1	
1/4	149,321	1/4	157,447	1/4	165,518	1/4	172,974	1/4	179,862	1/4		1/4		1/4		1/4		1/4	
1/2	149,490	1/2	157,616	1/2	165,681	1/2	173,120	1/2	180,029	1/2		1/2		1/2		1/2		1/2	
3/4	149,659	3/4	157,785	3/4	165,844	3/4	173,267	3/4	180,196	3/4		3/4		3/4		3/4		3/4	
2	149,828	2	157,955	2	166,007	2	173,413	2	180,363	2		2		2		2		2	
1/4	149,998	1/4	158,124	1/4	166,168	1/4	173,558	1/4	180,530	1/4		1/4		1/4		1/4		1/4	
1/2	150,167	1/2	158,293	1/2	166,330	1/2	173,703	1/2	180,697	1/2		1/2		1/2		1/2		1/2	
3/4	150,336	3/4	158,463	3/4	166,492	3/4	173,848	3/4	180,864	3/4		3/4		3/4		3/4		3/4	
3	150,506	3	158,632	3	166,654	3	173,993	3	181,031	3		3		3		3		3	
1/4	150,675	1/4	158,801	1/4	166,814	1/4	174,137	1/4	181,199	1/4		1/4		1/4		1/4		1/4	
1/2	150,844	1/2	158,970	1/2	166,974	1/2	174,281	1/2	181,366	1/2		1/2		1/2		1/2		1/2	
3/4	151,014	3/4	159,140	3/4	167,135	3/4	174,425	3/4	181,533	3/4		3/4		3/4		3/4		3/4	
4	151,183	4	159,309	4	167,295	4	174,569	4	181,700	4		4		4		4		4	
1/4	151,352	1/4	159,478	1/4	167,454	1/4	174,711	1/4	181,867	1/4		1/4		1/4		1/4		1/4	
1/2	151,521	1/2	159,648	1/2	167,613	1/2	174,854	1/2	182,034	1/2		1/2		1/2		1/2		1/2	
3/4	151,691	3/4	159,817	3/4	167,772	3/4	174,996	3/4	182,201	3/4		3/4		3/4		3/4		3/4	
5	151,860	5	159,986	5	167,931	5	175,138	5	182,368	5		5		5		5		5	
1/4	152,029	1/4	160,156	1/4	168,088	1/4	175,279	1/4	182,529	1/4		1/4		1/4		1/4		1/4	
1/2	152,199	1/2	160,325	1/2	168,246	1/2	175,421	1/2	182,691	1/2		1/2		1/2		1/2		1/2	
3/4	152,368	3/4	160,494	3/4	168,404	3/4	175,562	3/4	182,852	3/4		3/4		3/4		3/4		3/4	
6	152,537	6	160,663	6	168,561	6	175,703	6	183,014	6		6		6		6		6	
1/4	152,707	1/4	160,833	1/4	168,718	1/4	175,842	1/4	183,134	1/4		1/4		1/4		1/4		1/4	
1/2	152,876	1/2	161,002	1/2	168,874	1/2	175,982	1/2	183,254	1/2		1/2		1/2		1/2		1/2	
3/4	153,045	3/4	161,171	3/4	169,031	3/4	176,122	3/4	183,374	3/4		3/4		3/4		3/4		3/4	
7	153,214	7	161,341	7	169,187	7	176,261	7	183,495	7		7		7		7		7	
1/4	153,384	1/4	161,510	1/4	169,342	1/4	176,400	1/4	183,564	1/4		1/4		1/4		1/4		1/4	
1/2	153,553	1/2	161,679	1/2	169,497	1/2	176,538	1/2	183,633	1/2		1/2		1/2		1/2		1/2	
3/4	153,722	3/4	161,849	3/4	169,652	3/4	176,677	3/4	183,702	3/4		3/4		3/4		3/4		3/4	
8	153,892	8	162,018	8	169,807	8	176,815	8	183,771	8		8		8		8		8	
1/4	154,061	1/4	162,187	1/4	169,961	1/4	176,953	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,230	1/2	162,356	1/2	170,114	1/2	177,090	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,399	3/4	162,525	3/4	170,268	3/4	177,227	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,569	9	162,694	9	170,421	9	177,364	9		9		9		9		9		9	
1/4	154,738	1/4	162,862	1/4	170,574	1/4	177,500	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,907	1/2	163,031	1/2	170,726	1/2	177,636	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,077	3/4	163,199	3/4	170,878	3/4	177,772	3/4		3/4		3/4		3/4		3/4		3/4	
10	155,246	10	163,367	10	171,031	10	177,907	10		10		10		10		10		10	
1/4	155,415	1/4	163,534	1/4	171,182	1/4	178,042	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,585	1/2	163,701	1/2	171,333	1/2	178,176	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,754	3/4	163,868	3/4	171,484	3/4	178,311	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,923	11	164,035	11	171,635	11	178,445	11		11		11		11		11		11	
1/4	156,092	1/4	164,201	1/4	171,784	1/4	178,593	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,262	1/2	164,366	1/2	171,934	1/2	178,740	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,431	3/4	164,532	3/4	172,084	3/4	178,888	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 397"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	894	0	15,015	0	30,176	0	45,328	0	60,482	0	75,643	0	90,803	0	105,961	0	121,111	0	136,223
1/4	1,072	1/4	15,331	1/4	30,492	1/4	45,643	1/4	60,798	1/4	75,959	1/4	91,119	1/4	106,277	1/4	121,426	1/4	136,537
1/2	1,249	1/2	15,647	1/2	30,807	1/2	45,959	1/2	61,114	1/2	76,275	1/2	91,435	1/2	106,593	1/2	121,741	1/2	136,851
3/4	1,427	3/4	15,963	3/4	31,123	3/4	46,274	3/4	61,430	3/4	76,591	3/4	91,751	3/4	106,908	3/4	122,056	3/4	137,164
1	1,605	1	16,278	1	31,439	1	46,590	1	61,745	1	76,907	1	92,066	1	107,224	1	122,371	1	137,478
1/4	1,835	1/4	16,594	1/4	31,755	1/4	46,905	1/4	62,061	1/4	77,223	1/4	92,382	1/4	107,540	1/4	122,687	1/4	137,792
1/2	2,065	1/2	16,910	1/2	32,071	1/2	47,220	1/2	62,377	1/2	77,538	1/2	92,698	1/2	107,856	1/2	123,002	1/2	138,106
3/4	2,296	3/4	17,226	3/4	32,387	3/4	47,536	3/4	62,693	3/4	77,854	3/4	93,014	3/4	108,171	3/4	123,317	3/4	138,419
2	2,526	2	17,542	2	32,702	2	47,851	2	63,009	2	78,170	2	93,330	2	108,487	2	123,632	2	138,733
1/4	2,809	1/4	17,860	1/4	33,018	1/4	48,167	1/4	63,325	1/4	78,486	1/4	93,645	1/4	108,803	1/4	123,947	1/4	139,047
1/2	3,092	1/2	18,175	1/2	33,334	1/2	48,482	1/2	63,641	1/2	78,802	1/2	93,961	1/2	109,119	1/2	124,262	1/2	139,361
3/4	3,375	3/4	18,490	3/4	33,650	3/4	48,798	3/4	63,956	3/4	79,118	3/4	94,277	3/4	109,435	3/4	124,578	3/4	139,674
3	3,658	3	18,805	3	33,966	3	49,113	3	64,272	3	79,434	3	94,593	3	109,750	3	124,893	3	139,988
1/4	3,970	1/4	19,121	1/4	34,282	1/4	49,429	1/4	64,588	1/4	79,749	1/4	94,908	1/4	110,066	1/4	125,208	1/4	140,302
1/2	4,283	1/2	19,437	1/2	34,598	1/2	49,744	1/2	64,904	1/2	80,065	1/2	95,224	1/2	110,382	1/2	125,523	1/2	140,617
3/4	4,595	3/4	19,753	3/4	34,913	3/4	50,060	3/4	65,220	3/4	80,381	3/4	95,540	3/4	110,698	3/4	125,838	3/4	140,931
4	4,908	4	20,069	4	35,229	4	50,375	4	65,536	4	80,697	4	95,856	4	111,013	4	126,154	4	141,245
1/4	5,224	1/4	20,384	1/4	35,545	1/4	50,691	1/4	65,852	1/4	81,013	1/4	96,172	1/4	111,329	1/4	126,469	1/4	141,560
1/2	5,540	1/2	20,700	1/2	35,861	1/2	51,006	1/2	66,167	1/2	81,329	1/2	96,487	1/2	111,645	1/2	126,784	1/2	141,874
3/4	5,855	3/4	21,016	3/4	36,177	3/4	51,322	3/4	66,483	3/4	81,645	3/4	96,803	3/4	111,960	3/4	127,099	3/4	142,189
5	6,171	5	21,332	5	36,493	5	51,638	5	66,799	5	81,960	5	97,119	5	112,276	5	127,414	5	142,503
1/4	6,487	1/4	21,648	1/4	36,808	1/4	51,954	1/4	67,115	1/4	82,276	1/4	97,435	1/4	112,592	1/4	127,730	1/4	142,817
1/2	6,803	1/2	21,964	1/2	37,124	1/2	52,270	1/2	67,431	1/2	82,592	1/2	97,751	1/2	112,908	1/2	128,045	1/2	143,132
3/4	7,119	3/4	22,279	3/4	37,440	3/4	52,585	3/4	67,747	3/4	82,908	3/4	98,066	3/4	113,223	3/4	128,360	3/4	143,446
6	7,435	6	22,595	6	37,756	6	52,901	6	68,063	6	83,224	6	98,382	6	113,539	6	128,675	6	143,761
1/4	7,748	1/4	22,911	1/4	38,072	1/4	53,217	1/4	68,378	1/4	83,540	1/4	98,698	1/4	113,855	1/4	128,990	1/4	144,075
1/2	8,065	1/2	23,227	1/2	38,387	1/2	53,533	1/2	68,694	1/2	83,856	1/2	99,014	1/2	114,171	1/2	129,305	1/2	144,389
3/4	8,381	3/4	23,543	3/4	38,703	3/4	53,849	3/4	69,010	3/4	84,172	3/4	99,329	3/4	114,486	3/4	129,621	3/4	144,704
7	8,698	7	23,859	7	39,018	7	54,165	7	69,326	7	84,487	7	99,645	7	114,802	7	129,936	7	145,018
1/4	9,014	1/4	24,175	1/4	39,334	1/4	54,481	1/4	69,642	1/4	84,803	1/4	99,961	1/4	115,118	1/4	130,251	1/4	145,333
1/2	9,330	1/2	24,490	1/2	39,649	1/2	54,796	1/2	69,958	1/2	85,119	1/2	100,277	1/2	115,433	1/2	130,566	1/2	145,647
3/4	9,646	3/4	24,806	3/4	39,965	3/4	55,112	3/4	70,274	3/4	85,435	3/4	100,593	3/4	115,749	3/4	130,881	3/4	145,961
8	9,961	8	25,122	8	40,280	8	55,428	8	70,589	8	85,751	8	100,908	8	116,065	8	131,197	8	146,276
1/4	10,277	1/4	25,438	1/4	40,596	1/4	55,744	1/4	70,905	1/4	86,067	1/4	101,224	1/4	116,381	1/4	131,512	1/4	146,590
1/2	10,593	1/2	25,754	1/2	40,911	1/2	56,060	1/2	71,221	1/2	86,382	1/2	101,540	1/2	116,696	1/2	131,827	1/2	146,905
3/4	10,909	3/4	26,070	3/4	41,227	3/4	56,376	3/4	71,537	3/4	86,698	3/4	101,856	3/4	117,012	3/4	132,142	3/4	147,219
9	11,225	9	26,385	9	41,542	9	56,692	9	71,853	9	87,014	9	102,172	9	117,328	9	132,457	9	147,533
1/4	11,541	1/4	26,701	1/4	41,858	1/4	57,007	1/4	72,169	1/4	87,330	1/4	102,487	1/4	117,643	1/4	132,771	1/4	147,847
1/2	11,856	1/2	27,017	1/2	42,173	1/2	57,323	1/2	72,485	1/2	87,645	1/2	102,803	1/2	117,959	1/2	133,085	1/2	147,910
3/4	12,172	3/4	27,333	3/4	42,489	3/4	57,639	3/4	72,801	3/4	87,961	3/4	103,119	3/4	118,274	3/4	133,399	3/4	148,098
10	12,488	10	27,649	10	42,804	10	57,955	10	73,116	10	88,277	10	103,435	10	118,589	10	133,713	10	148,286
1/4	12,804	1/4	27,965	1/4	43,119	1/4	58,271	1/4	73,432	1/4	88,593	1/4	103,750	1/4	118,904	1/4	134,027	1/4	148,456
1/2	13,120	1/2	28,281	1/2	43,435	1/2	58,587	1/2	73,748	1/2	88,909	1/2	104,066	1/2	119,219	1/2	134,341	1/2	148,626
3/4	13,436	3/4	28,596	3/4	43,750	3/4	58,903	3/4	74,064	3/4	89,224	3/4	104,382	3/4	119,535	3/4	134,654	3/4	148,796
11	13,752	11	28,912	11	44,066	11	59,218	11	74,380	11	89,540	11	104,698	11	119,850	11	134,968	11	148,966
1/4	14,067	1/4	29,228	1/4	44,381	1/4	59,534	1/4	74,696	1/4	89,856	1/4	105,014	1/4	120,165	1/4	135,282	1/4	149,136
1/2	14,383	1/2	29,544	1/2	44,697	1/2	59,850	1/2	75,012	1/2	90,172	1/2	105,329	1/2	120,480	1/2	135,596	1/2	149,306
3/4	14,699	3/4	29,860	3/4	45,012	3/4	60,166	3/4	75,327	3/4	90,487	3/4	105,645	3/4	120,795	3/4	135,909	3/4	149,476

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'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 397"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,646	0	157,809	0	165,942	0	173,515	0	180,351	0		0		0		0		0	
1/4	149,816	1/4	157,979	1/4	166,107	1/4	173,664	1/4	180,517	1/4		1/4		1/4		1/4		1/4	
1/2	149,986	1/2	158,149	1/2	166,272	1/2	173,813	1/2	180,683	1/2		1/2		1/2		1/2		1/2	
3/4	150,156	3/4	158,319	3/4	166,437	3/4	173,962	3/4	180,848	3/4		3/4		3/4		3/4		3/4	
1	150,326	1	158,489	1	166,602	1	174,111	1	181,014	1		1		1		1		1	
1/4	150,497	1/4	158,659	1/4	166,766	1/4	174,258	1/4	181,182	1/4		1/4		1/4		1/4		1/4	
1/2	150,667	1/2	158,829	1/2	166,930	1/2	174,405	1/2	181,350	1/2		1/2		1/2		1/2		1/2	
3/4	150,837	3/4	158,999	3/4	167,094	3/4	174,553	3/4	181,517	3/4		3/4		3/4		3/4		3/4	
2	151,007	2	159,169	2	167,257	2	174,700	2	181,685	2		2		2		2		2	
1/4	151,177	1/4	159,339	1/4	167,420	1/4	174,846	1/4	181,853	1/4		1/4		1/4		1/4		1/4	
1/2	151,347	1/2	159,509	1/2	167,582	1/2	174,991	1/2	182,021	1/2		1/2		1/2		1/2		1/2	
3/4	151,517	3/4	159,679	3/4	167,745	3/4	175,137	3/4	182,189	3/4		3/4		3/4		3/4		3/4	
3	151,687	3	159,849	3	167,907	3	175,283	3	182,357	3		3		3		3		3	
1/4	151,857	1/4	160,020	1/4	168,069	1/4	175,428	1/4	182,524	1/4		1/4		1/4		1/4		1/4	
1/2	152,027	1/2	160,190	1/2	168,230	1/2	175,572	1/2	182,692	1/2		1/2		1/2		1/2		1/2	
3/4	152,197	3/4	160,360	3/4	168,391	3/4	175,717	3/4	182,860	3/4		3/4		3/4		3/4		3/4	
4	152,367	4	160,530	4	168,552	4	175,861	4	183,028	4		4		4		4		4	
1/4	152,537	1/4	160,700	1/4	168,712	1/4	176,004	1/4	183,196	1/4		1/4		1/4		1/4		1/4	
1/2	152,707	1/2	160,870	1/2	168,871	1/2	176,148	1/2	183,363	1/2		1/2		1/2		1/2		1/2	
3/4	152,877	3/4	161,040	3/4	169,031	3/4	176,291	3/4	183,531	3/4		3/4		3/4		3/4		3/4	
5	153,047	5	161,210	5	169,191	5	176,434	5	183,699	5		5		5		5		5	
1/4	153,217	1/4	161,380	1/4	169,349	1/4	176,576	1/4	183,861	1/4		1/4		1/4		1/4		1/4	
1/2	153,387	1/2	161,550	1/2	169,507	1/2	176,717	1/2	184,023	1/2		1/2		1/2		1/2		1/2	
3/4	153,557	3/4	161,720	3/4	169,666	3/4	176,859	3/4	184,186	3/4		3/4		3/4		3/4		3/4	
6	153,728	6	161,890	6	169,824	6	177,001	6	184,348	6		6		6		6		6	
1/4	153,898	1/4	162,060	1/4	169,981	1/4	177,141	1/4	184,469	1/4		1/4		1/4		1/4		1/4	
1/2	154,068	1/2	162,230	1/2	170,138	1/2	177,282	1/2	184,590	1/2		1/2		1/2		1/2		1/2	
3/4	154,238	3/4	162,400	3/4	170,296	3/4	177,422	3/4	184,711	3/4		3/4		3/4		3/4		3/4	
7	154,408	7	162,570	7	170,453	7	177,563	7	184,832	7		7		7		7		7	
1/4	154,578	1/4	162,740	1/4	170,609	1/4	177,702	1/4	184,901	1/4		1/4		1/4		1/4		1/4	
1/2	154,748	1/2	162,910	1/2	170,764	1/2	177,841	1/2	184,971	1/2		1/2		1/2		1/2		1/2	
3/4	154,918	3/4	163,080	3/4	170,920	3/4	177,980	3/4	185,041	3/4		3/4		3/4		3/4		3/4	
8	155,088	8	163,251	8	171,076	8	178,120	8	185,110	8		8		8		8		8	
1/4	155,258	1/4	163,420	1/4	171,230	1/4	178,258	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,428	1/2	163,590	1/2	171,384	1/2	178,395	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,598	3/4	163,760	3/4	171,539	3/4	178,533	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,768	9	163,930	9	171,693	9	178,671	9		9		9		9		9		9	
1/4	155,938	1/4	164,099	1/4	171,846	1/4	178,808	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,108	1/2	164,268	1/2	171,999	1/2	178,944	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,278	3/4	164,437	3/4	172,152	3/4	179,081	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,448	10	164,606	10	172,305	10	179,218	10		10		10		10		10		10	
1/4	156,618	1/4	164,774	1/4	172,457	1/4	179,353	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,788	1/2	164,942	1/2	172,609	1/2	179,488	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,959	3/4	165,109	3/4	172,761	3/4	179,623	3/4		3/4		3/4		3/4		3/4		3/4	
11	157,129	11	165,277	11	172,912	11	179,758	11		11		11		11		11		11	
1/4	157,299	1/4	165,443	1/4	173,063	1/4	179,906	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,469	1/2	165,610	1/2	173,213	1/2	180,055	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,639	3/4	165,776	3/4	173,364	3/4	180,203	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

2 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	897	0	15,060	0	30,266	0	45,135	0	59,990	0	75,196	0	90,403	0	105,610	0	120,812	0	136,013
1/4	1,075	1/4	15,376	1/4	30,582	1/4	45,437	1/4	60,307	1/4	75,513	1/4	90,720	1/4	105,927	1/4	121,128	1/4	136,329
1/2	1,253	1/2	15,693	1/2	30,899	1/2	45,739	1/2	60,623	1/2	75,830	1/2	91,037	1/2	106,243	1/2	121,445	1/2	136,646
3/4	1,431	3/4	16,010	3/4	31,216	3/4	46,042	3/4	60,940	3/4	76,147	3/4	91,353	3/4	106,560	3/4	121,762	3/4	136,963
1	1,609	1	16,327	1	31,533	1	46,344	1	61,257	1	76,464	1	91,670	1	106,877	1	122,078	1	137,279
1/4	1,840	1/4	16,644	1/4	31,850	1/4	46,647	1/4	61,574	1/4	76,780	1/4	91,987	1/4	107,194	1/4	122,395	1/4	137,596
1/2	2,071	1/2	16,960	1/2	32,166	1/2	46,949	1/2	61,891	1/2	77,097	1/2	92,304	1/2	107,511	1/2	122,712	1/2	137,913
3/4	2,302	3/4	17,277	3/4	32,483	3/4	47,251	3/4	62,207	3/4	77,414	3/4	92,621	3/4	107,827	3/4	123,029	3/4	138,230
2	2,533	2	17,594	2	32,800	2	47,554	2	62,524	2	77,731	2	92,937	2	108,144	2	123,345	2	138,546
1/4	2,817	1/4	17,913	1/4	33,117	1/4	47,856	1/4	62,841	1/4	78,048	1/4	93,254	1/4	108,461	1/4	123,662	1/4	138,863
1/2	3,101	1/2	18,229	1/2	33,434	1/2	48,158	1/2	63,158	1/2	78,364	1/2	93,571	1/2	108,778	1/2	123,979	1/2	139,180
3/4	3,385	3/4	18,545	3/4	33,750	3/4	48,461	3/4	63,475	3/4	78,681	3/4	93,888	3/4	109,095	3/4	124,295	3/4	139,496
3	3,668	3	18,861	3	34,067	3	48,763	3	63,791	3	78,998	3	94,205	3	109,411	3	124,612	3	139,813
1/4	3,982	1/4	19,178	1/4	34,384	1/4	49,066	1/4	64,108	1/4	79,315	1/4	94,522	1/4	109,728	1/4	124,929	1/4	140,130
1/2	4,295	1/2	19,495	1/2	34,701	1/2	49,368	1/2	64,425	1/2	79,632	1/2	94,838	1/2	110,045	1/2	125,245	1/2	140,446
3/4	4,609	3/4	19,811	3/4	35,018	3/4	49,670	3/4	64,742	3/4	79,948	3/4	95,155	3/4	110,361	3/4	125,562	3/4	140,763
4	4,922	4	20,128	4	35,334	4	49,973	4	65,059	4	80,265	4	95,472	4	110,678	4	125,879	4	141,080
1/4	5,239	1/4	20,445	1/4	35,651	1/4	50,275	1/4	65,375	1/4	80,582	1/4	95,789	1/4	110,993	1/4	126,195	1/4	141,396
1/2	5,556	1/2	20,762	1/2	35,968	1/2	50,577	1/2	65,692	1/2	80,899	1/2	96,106	1/2	111,310	1/2	126,512	1/2	141,713
3/4	5,873	3/4	21,079	3/4	36,285	3/4	50,880	3/4	66,009	3/4	81,216	3/4	96,422	3/4	111,627	3/4	126,829	3/4	142,030
5	6,190	5	21,395	5	36,601	5	51,182	5	66,326	5	81,533	5	96,739	5	111,945	5	127,145	5	142,346
1/4	6,506	1/4	21,712	1/4	36,918	1/4	51,485	1/4	66,643	1/4	81,849	1/4	97,056	1/4	112,261	1/4	127,462	1/4	142,663
1/2	6,823	1/2	22,029	1/2	37,235	1/2	51,788	1/2	66,959	1/2	82,166	1/2	97,373	1/2	112,578	1/2	127,779	1/2	142,980
3/4	7,140	3/4	22,346	3/4	37,552	3/4	52,091	3/4	67,276	3/4	82,483	3/4	97,690	3/4	112,895	3/4	128,096	3/4	143,297
6	7,457	6	22,663	6	37,869	6	52,393	6	67,593	6	82,800	6	98,006	6	113,211	6	128,412	6	143,613
1/4	7,771	1/4	22,979	1/4	38,173	1/4	52,708	1/4	67,910	1/4	83,117	1/4	98,323	1/4	113,528	1/4	128,729	1/4	143,930
1/2	8,089	1/2	23,296	1/2	38,478	1/2	53,024	1/2	68,227	1/2	83,433	1/2	98,640	1/2	113,845	1/2	129,046	1/2	144,247
3/4	8,406	3/4	23,613	3/4	38,782	3/4	53,339	3/4	68,544	3/4	83,750	3/4	98,957	3/4	114,161	3/4	129,362	3/4	144,563
7	8,724	7	23,930	7	39,087	7	53,654	7	68,860	7	84,067	7	99,274	7	114,478	7	129,679	7	144,880
1/4	9,041	1/4	24,247	1/4	39,389	1/4	53,970	1/4	69,177	1/4	84,384	1/4	99,590	1/4	114,795	1/4	129,996	1/4	145,197
1/2	9,357	1/2	24,563	1/2	39,692	1/2	54,287	1/2	69,494	1/2	84,701	1/2	99,907	1/2	115,111	1/2	130,312	1/2	145,513
3/4	9,674	3/4	24,880	3/4	39,994	3/4	54,604	3/4	69,811	3/4	85,017	3/4	100,224	3/4	115,428	3/4	130,629	3/4	145,830
8	9,991	8	25,197	8	40,297	8	54,921	8	70,128	8	85,334	8	100,541	8	115,745	8	130,946	8	146,147
1/4	10,308	1/4	25,514	1/4	40,599	1/4	55,238	1/4	70,444	1/4	85,651	1/4	100,858	1/4	116,063	1/4	131,262	1/4	146,463
1/2	10,625	1/2	25,831	1/2	40,901	1/2	55,555	1/2	70,761	1/2	85,968	1/2	101,174	1/2	116,379	1/2	131,579	1/2	146,780
3/4	10,941	3/4	26,147	3/4	41,204	3/4	55,871	3/4	71,078	3/4	86,285	3/4	101,491	3/4	116,695	3/4	131,896	3/4	147,097
9	11,258	9	26,464	9	41,506	9	56,188	9	71,395	9	86,601	9	101,808	9	117,011	9	132,212	9	147,413
1/4	11,575	1/4	26,781	1/4	41,809	1/4	56,505	1/4	71,712	1/4	86,918	1/4	102,125	1/4	117,328	1/4	132,529	1/4	147,730
1/2	11,892	1/2	27,098	1/2	42,111	1/2	56,822	1/2	72,028	1/2	87,235	1/2	102,442	1/2	117,645	1/2	132,846	1/2	148,047
3/4	12,209	3/4	27,415	3/4	42,413	3/4	57,139	3/4	72,345	3/4	87,552	3/4	102,758	3/4	117,962	3/4	133,163	3/4	148,364
10	12,525	10	27,731	10	42,716	10	57,455	10	72,662	10	87,869	10	103,075	10	118,278	10	133,479	10	148,680
1/4	12,842	1/4	28,048	1/4	43,018	1/4	57,772	1/4	72,979	1/4	88,185	1/4	103,392	1/4	118,595	1/4	133,796	1/4	148,997
1/2	13,159	1/2	28,365	1/2	43,320	1/2	58,089	1/2	73,296	1/2	88,502	1/2	103,709	1/2	118,912	1/2	134,113	1/2	149,314
3/4	13,476	3/4	28,682	3/4	43,623	3/4	58,406	3/4	73,612	3/4	88,819	3/4	104,026	3/4	119,228	3/4	134,429	3/4	149,630
11	13,792	11	28,998	11	43,925	11	58,723	11	73,929	11	89,136	11	104,342	11	119,545	11	134,746	11	149,947
1/4	14,109	1/4	29,315	1/4	44,228	1/4	59,039	1/4	74,246	1/4	89,453	1/4	104,659	1/4	119,862	1/4	135,063	1/4	150,264
1/2	14,426	1/2	29,632	1/2	44,530	1/2	59,356	1/2	74,563	1/2	89,769	1/2	104,976	1/2	120,178	1/2	135,379	1/2	150,580
3/4	14,743	3/4	29,949	3/4	44,832	3/4	59,673	3/4	74,880	3/4	90,086	3/4	105,293	3/4	120,495	3/4	135,696	3/4	150,897

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'-06" OFF CENTERLINE AND 42'-03" 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 397"

2 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	151,214	0	166,415	0	181,586	0	196,195	0	210,037	0		0		0		0		0	
1/4	151,530	1/4	166,731	1/4	181,898	1/4	196,491	1/4	210,347	1/4		1/4		1/4		1/4		1/4	
1/2	151,847	1/2	167,048	1/2	182,210	1/2	196,787	1/2	210,658	1/2		1/2		1/2		1/2		1/2	
3/4	152,164	3/4	167,365	3/4	182,521	3/4	197,083	3/4	210,968	3/4		3/4		3/4		3/4		3/4	
1	152,480	1	167,681	1	182,833	1	197,378	1	211,278	1		1		1		1		1	
1/4	152,797	1/4	167,998	1/4	183,143	1/4	197,671	1/4	211,591	1/4		1/4		1/4		1/4		1/4	
1/2	153,114	1/2	168,315	1/2	183,454	1/2	197,965	1/2	211,904	1/2		1/2		1/2		1/2		1/2	
3/4	153,431	3/4	168,632	3/4	183,764	3/4	198,258	3/4	212,216	3/4		3/4		3/4		3/4		3/4	
2	153,747	2	168,948	2	184,074	2	198,551	2	212,529	2		2		2		2		2	
1/4	154,064	1/4	169,265	1/4	184,384	1/4	198,843	1/4	212,841	1/4		1/4		1/4		1/4		1/4	
1/2	154,381	1/2	169,582	1/2	184,693	1/2	199,135	1/2	213,154	1/2		1/2		1/2		1/2		1/2	
3/4	154,697	3/4	169,898	3/4	185,002	3/4	199,426	3/4	213,466	3/4		3/4		3/4		3/4		3/4	
3	155,014	3	170,215	3	185,311	3	199,718	3	213,779	3		3		3		3		3	
1/4	155,331	1/4	170,532	1/4	185,619	1/4	200,009	1/4	214,091	1/4		1/4		1/4		1/4		1/4	
1/2	155,647	1/2	170,848	1/2	185,926	1/2	200,299	1/2	214,404	1/2		1/2		1/2		1/2		1/2	
3/4	155,964	3/4	171,165	3/4	186,234	3/4	200,590	3/4	214,717	3/4		3/4		3/4		3/4		3/4	
4	156,281	4	171,482	4	186,542	4	200,880	4	215,029	4		4		4		4		4	
1/4	156,597	1/4	171,798	1/4	186,848	1/4	201,169	1/4	215,342	1/4		1/4		1/4		1/4		1/4	
1/2	156,914	1/2	172,115	1/2	187,154	1/2	201,459	1/2	215,654	1/2		1/2		1/2		1/2		1/2	
3/4	157,231	3/4	172,432	3/4	187,461	3/4	201,748	3/4	215,967	3/4		3/4		3/4		3/4		3/4	
5	157,547	5	172,748	5	187,767	5	202,037	5	216,279	5		5		5		5		5	
1/4	157,864	1/4	173,065	1/4	188,072	1/4	202,324	1/4	216,586	1/4		1/4		1/4		1/4		1/4	
1/2	158,181	1/2	173,382	1/2	188,377	1/2	202,612	1/2	216,893	1/2		1/2		1/2		1/2		1/2	
3/4	158,498	3/4	173,699	3/4	188,682	3/4	202,900	3/4	217,200	3/4		3/4		3/4		3/4		3/4	
6	158,814	6	174,015	6	188,987	6	203,188	6	217,506	6		6		6		6		6	
1/4	159,131	1/4	174,332	1/4	189,291	1/4	203,474	1/4	217,772	1/4		1/4		1/4		1/4		1/4	
1/2	159,448	1/2	174,649	1/2	189,594	1/2	203,760	1/2	218,037	1/2		1/2		1/2		1/2		1/2	
3/4	159,764	3/4	174,965	3/4	189,898	3/4	204,047	3/4	218,303	3/4		3/4		3/4		3/4		3/4	
7	160,081	7	175,282	7	190,202	7	204,333	7	218,568	7		7		7		7		7	
1/4	160,398	1/4	175,599	1/4	190,504	1/4	204,618	1/4	218,783	1/4		1/4		1/4		1/4		1/4	
1/2	160,714	1/2	175,915	1/2	190,807	1/2	204,903	1/2	218,998	1/2		1/2		1/2		1/2		1/2	
3/4	161,031	3/4	176,232	3/4	191,109	3/4	205,189	3/4	219,212	3/4		3/4		3/4		3/4		3/4	
8	161,348	8	176,549	8	191,411	8	205,474	8	219,427	8		8		8		8		8	
1/4	161,664	1/4	176,865	1/4	191,712	1/4	205,758	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,981	1/2	177,182	1/2	192,013	1/2	206,042	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,298	3/4	177,498	3/4	192,314	3/4	206,325	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,614	9	177,814	9	192,615	9	206,609	9		9		9		9		9		9	
1/4	162,931	1/4	178,130	1/4	192,915	1/4	206,892	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,248	1/2	178,446	1/2	193,214	1/2	207,174	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,565	3/4	178,762	3/4	193,514	3/4	207,457	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,881	10	179,077	10	193,813	10	207,740	10		10		10		10		10		10	
1/4	164,198	1/4	179,392	1/4	194,112	1/4	208,021	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,515	1/2	179,706	1/2	194,410	1/2	208,302	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,831	3/4	180,020	3/4	194,709	3/4	208,583	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,148	11	180,335	11	195,007	11	208,864	11		11		11		11		11		11	
1/4	165,465	1/4	180,648	1/4	195,304	1/4	209,157	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,781	1/2	180,960	1/2	195,601	1/2	209,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,098	3/4	181,273	3/4	195,898	3/4	209,744	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

2 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	15,079	0	30,305	0	45,520	0	60,736	0	75,962	0	91,188	0	106,414	0	121,637	0	136,857
1/4	1,076	1/4	15,396	1/4	30,622	1/4	45,837	1/4	61,053	1/4	76,279	1/4	91,505	1/4	106,732	1/4	121,954	1/4	137,174
1/2	1,255	1/2	15,713	1/2	30,939	1/2	46,154	1/2	61,370	1/2	76,597	1/2	91,823	1/2	107,049	1/2	122,271	1/2	137,492
3/4	1,433	3/4	16,031	3/4	31,256	3/4	46,471	3/4	61,688	3/4	76,914	3/4	92,140	3/4	107,366	3/4	122,588	3/4	137,809
1	1,612	1	16,348	1	31,573	1	46,787	1	62,005	1	77,231	1	92,457	1	107,683	1	122,905	1	138,126
1/4	1,843	1/4	16,665	1/4	31,891	1/4	47,104	1/4	62,322	1/4	77,548	1/4	92,774	1/4	108,000	1/4	123,222	1/4	138,443
1/2	2,074	1/2	16,982	1/2	32,208	1/2	47,421	1/2	62,639	1/2	77,865	1/2	93,092	1/2	108,318	1/2	123,539	1/2	138,760
3/4	2,305	3/4	17,299	3/4	32,525	3/4	47,737	3/4	62,956	3/4	78,183	3/4	93,409	3/4	108,635	3/4	123,856	3/4	139,077
2	2,537	2	17,617	2	32,842	2	48,054	2	63,274	2	78,500	2	93,726	2	108,952	2	124,173	2	139,394
1/4	2,821	1/4	17,936	1/4	33,159	1/4	48,371	1/4	63,591	1/4	78,817	1/4	94,043	1/4	109,269	1/4	124,491	1/4	139,711
1/2	3,105	1/2	18,253	1/2	33,477	1/2	48,687	1/2	63,908	1/2	79,134	1/2	94,360	1/2	109,587	1/2	124,808	1/2	140,028
3/4	3,389	3/4	18,569	3/4	33,794	3/4	49,004	3/4	64,225	3/4	79,451	3/4	94,678	3/4	109,904	3/4	125,125	3/4	140,345
3	3,673	3	18,886	3	34,111	3	49,321	3	64,543	3	79,769	3	94,995	3	110,221	3	125,442	3	140,663
1/4	3,987	1/4	19,203	1/4	34,428	1/4	49,638	1/4	64,860	1/4	80,086	1/4	95,312	1/4	110,538	1/4	125,759	1/4	140,980
1/2	4,301	1/2	19,520	1/2	34,745	1/2	49,954	1/2	65,177	1/2	80,403	1/2	95,629	1/2	110,855	1/2	126,076	1/2	141,297
3/4	4,615	3/4	19,837	3/4	35,063	3/4	50,271	3/4	65,494	3/4	80,720	3/4	95,946	3/4	111,172	3/4	126,393	3/4	141,614
4	4,929	4	20,154	4	35,380	4	50,588	4	65,811	4	81,038	4	96,264	4	111,490	4	126,710	4	141,931
1/4	5,246	1/4	20,471	1/4	35,697	1/4	50,904	1/4	66,129	1/4	81,355	1/4	96,581	1/4	111,807	1/4	127,027	1/4	142,248
1/2	5,563	1/2	20,789	1/2	36,014	1/2	51,221	1/2	66,446	1/2	81,672	1/2	96,898	1/2	112,124	1/2	127,344	1/2	142,565
3/4	5,880	3/4	21,106	3/4	36,331	3/4	51,538	3/4	66,763	3/4	81,989	3/4	97,215	3/4	112,441	3/4	127,662	3/4	142,882
5	6,198	5	21,423	5	36,649	5	51,854	5	67,080	5	82,306	5	97,532	5	112,758	5	127,979	5	143,199
1/4	6,515	1/4	21,740	1/4	36,966	1/4	52,172	1/4	67,397	1/4	82,624	1/4	97,850	1/4	113,075	1/4	128,296	1/4	143,516
1/2	6,832	1/2	22,057	1/2	37,283	1/2	52,489	1/2	67,715	1/2	82,941	1/2	98,167	1/2	113,392	1/2	128,613	1/2	143,834
3/4	7,149	3/4	22,375	3/4	37,600	3/4	52,806	3/4	68,032	3/4	83,258	3/4	98,484	3/4	113,709	3/4	128,930	3/4	144,151
6	7,466	6	22,692	6	37,917	6	53,123	6	68,349	6	83,575	6	98,801	6	114,026	6	129,247	6	144,468
1/4	7,781	1/4	23,009	1/4	38,235	1/4	53,440	1/4	68,666	1/4	83,892	1/4	99,119	1/4	114,343	1/4	129,564	1/4	144,785
1/2	8,099	1/2	23,326	1/2	38,552	1/2	53,757	1/2	68,983	1/2	84,210	1/2	99,436	1/2	114,661	1/2	129,881	1/2	145,102
3/4	8,417	3/4	23,643	3/4	38,869	3/4	54,075	3/4	69,301	3/4	84,527	3/4	99,753	3/4	114,978	3/4	130,198	3/4	145,419
7	8,735	7	23,961	7	39,186	7	54,392	7	69,618	7	84,844	7	100,070	7	115,295	7	130,515	7	145,736
1/4	9,052	1/4	24,278	1/4	39,503	1/4	54,709	1/4	69,935	1/4	85,161	1/4	100,387	1/4	115,612	1/4	130,833	1/4	146,053
1/2	9,370	1/2	24,595	1/2	39,820	1/2	55,026	1/2	70,252	1/2	85,478	1/2	100,705	1/2	115,929	1/2	131,150	1/2	146,370
3/4	9,687	3/4	24,912	3/4	40,137	3/4	55,343	3/4	70,570	3/4	85,796	3/4	101,022	3/4	116,246	3/4	131,467	3/4	146,687
8	10,004	8	25,229	8	40,453	8	55,661	8	70,887	8	86,113	8	101,339	8	116,563	8	131,784	8	147,004
1/4	10,321	1/4	25,547	1/4	40,770	1/4	55,978	1/4	71,204	1/4	86,430	1/4	101,656	1/4	116,880	1/4	132,101	1/4	147,322
1/2	10,638	1/2	25,864	1/2	41,087	1/2	56,295	1/2	71,521	1/2	86,747	1/2	101,973	1/2	117,197	1/2	132,418	1/2	147,639
3/4	10,956	3/4	26,181	3/4	41,403	3/4	56,612	3/4	71,838	3/4	87,065	3/4	102,291	3/4	117,514	3/4	132,735	3/4	147,956
9	11,273	9	26,498	9	41,720	9	56,929	9	72,156	9	87,382	9	102,608	9	117,832	9	133,052	9	148,273
1/4	11,590	1/4	26,815	1/4	42,037	1/4	57,247	1/4	72,473	1/4	87,699	1/4	102,925	1/4	118,149	1/4	133,369	1/4	148,590
1/2	11,907	1/2	27,133	1/2	42,353	1/2	57,564	1/2	72,790	1/2	88,016	1/2	103,242	1/2	118,466	1/2	133,686	1/2	148,907
3/4	12,224	3/4	27,450	3/4	42,670	3/4	57,881	3/4	73,107	3/4	88,333	3/4	103,560	3/4	118,783	3/4	134,003	3/4	149,224
10	12,541	10	27,767	10	42,987	10	58,198	10	73,424	10	88,651	10	103,877	10	119,100	10	134,321	10	149,541
1/4	12,859	1/4	28,084	1/4	43,304	1/4	58,516	1/4	73,742	1/4	88,968	1/4	104,194	1/4	119,417	1/4	134,638	1/4	149,858
1/2	13,176	1/2	28,401	1/2	43,620	1/2	58,833	1/2	74,059	1/2	89,285	1/2	104,511	1/2	119,734	1/2	134,955	1/2	150,175
3/4	13,493	3/4	28,719	3/4	43,937	3/4	59,150	3/4	74,376	3/4	89,602	3/4	104,828	3/4	120,051	3/4	135,272	3/4	150,493
11	13,810	11	29,036	11	44,254	11	59,467	11	74,693	11	89,919	11	105,146	11	120,368	11	135,589	11	150,810
1/4	14,127	1/4	29,353	1/4	44,570	1/4	59,784	1/4	75,011	1/4	90,237	1/4	105,463	1/4	120,685	1/4	135,906	1/4	151,127
1/2	14,445	1/2	29,670	1/2	44,887	1/2	60,102	1/2	75,328	1/2	90,554	1/2	105,780	1/2	121,002	1/2	136,223	1/2	151,444
3/4	14,762	3/4	29,987	3/4	45,204	3/4	60,419	3/4	75,645	3/4	90,871	3/4	106,097	3/4	121,320	3/4	136,540	3/4	151,761

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'-06" OFF CENTERLINE AND 42'-03" 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 397"

2 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	152,078	0	167,299	0	182,490	0	197,117	0	210,976	0		0		0		0		0	
1/4	152,395	1/4	167,616	1/4	182,802	1/4	197,414	1/4	211,287	1/4		1/4		1/4		1/4		1/4	
1/2	152,712	1/2	167,933	1/2	183,114	1/2	197,710	1/2	211,598	1/2		1/2		1/2		1/2		1/2	
3/4	153,029	3/4	168,250	3/4	183,426	3/4	198,006	3/4	211,909	3/4		3/4		3/4		3/4		3/4	
1	153,346	1	168,567	1	183,738	1	198,302	1	212,219	1		1		1		1		1	
1/4	153,664	1/4	168,884	1/4	184,049	1/4	198,595	1/4	212,532	1/4		1/4		1/4		1/4		1/4	
1/2	153,981	1/2	169,201	1/2	184,359	1/2	198,889	1/2	212,845	1/2		1/2		1/2		1/2		1/2	
3/4	154,298	3/4	169,518	3/4	184,670	3/4	199,183	3/4	213,158	3/4		3/4		3/4		3/4		3/4	
2	154,615	2	169,835	2	184,981	2	199,476	2	213,471	2		2		2		2		2	
1/4	154,932	1/4	170,153	1/4	185,290	1/4	199,768	1/4	213,784	1/4		1/4		1/4		1/4		1/4	
1/2	155,249	1/2	170,470	1/2	185,600	1/2	200,060	1/2	214,097	1/2		1/2		1/2		1/2		1/2	
3/4	155,566	3/4	170,787	3/4	185,910	3/4	200,353	3/4	214,410	3/4		3/4		3/4		3/4		3/4	
3	155,883	3	171,104	3	186,219	3	200,645	3	214,723	3		3		3		3		3	
1/4	156,200	1/4	171,421	1/4	186,527	1/4	200,936	1/4	215,036	1/4		1/4		1/4		1/4		1/4	
1/2	156,517	1/2	171,738	1/2	186,835	1/2	201,226	1/2	215,349	1/2		1/2		1/2		1/2		1/2	
3/4	156,835	3/4	172,055	3/4	187,143	3/4	201,517	3/4	215,662	3/4		3/4		3/4		3/4		3/4	
4	157,152	4	172,372	4	187,451	4	201,808	4	215,975	4		4		4		4		4	
1/4	157,469	1/4	172,689	1/4	187,758	1/4	202,098	1/4	216,288	1/4		1/4		1/4		1/4		1/4	
1/2	157,786	1/2	173,006	1/2	188,065	1/2	202,387	1/2	216,601	1/2		1/2		1/2		1/2		1/2	
3/4	158,103	3/4	173,324	3/4	188,371	3/4	202,677	3/4	216,914	3/4		3/4		3/4		3/4		3/4	
5	158,420	5	173,641	5	188,678	5	202,966	5	217,227	5		5		5		5		5	
1/4	158,737	1/4	173,958	1/4	188,984	1/4	203,254	1/4	217,534	1/4		1/4		1/4		1/4		1/4	
1/2	159,054	1/2	174,275	1/2	189,289	1/2	203,542	1/2	217,841	1/2		1/2		1/2		1/2		1/2	
3/4	159,371	3/4	174,592	3/4	189,594	3/4	203,830	3/4	218,148	3/4		3/4		3/4		3/4		3/4	
6	159,688	6	174,909	6	189,900	6	204,118	6	218,456	6		6		6		6		6	
1/4	160,005	1/4	175,226	1/4	190,204	1/4	204,405	1/4	218,721	1/4		1/4		1/4		1/4		1/4	
1/2	160,323	1/2	175,543	1/2	190,508	1/2	204,692	1/2	218,987	1/2		1/2		1/2		1/2		1/2	
3/4	160,640	3/4	175,860	3/4	190,812	3/4	204,979	3/4	219,253	3/4		3/4		3/4		3/4		3/4	
7	160,957	7	176,177	7	191,116	7	205,265	7	219,519	7		7		7		7		7	
1/4	161,274	1/4	176,495	1/4	191,419	1/4	205,551	1/4	219,734	1/4		1/4		1/4		1/4		1/4	
1/2	161,591	1/2	176,812	1/2	191,722	1/2	205,836	1/2	219,949	1/2		1/2		1/2		1/2		1/2	
3/4	161,908	3/4	177,129	3/4	192,024	3/4	206,122	3/4	220,164	3/4		3/4		3/4		3/4		3/4	
8	162,225	8	177,446	8	192,327	8	206,407	8	220,378	8		8		8		8		8	
1/4	162,542	1/4	177,763	1/4	192,629	1/4	206,692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,859	1/2	178,079	1/2	192,930	1/2	206,976	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,176	3/4	178,396	3/4	193,231	3/4	207,260	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,494	9	178,713	9	193,532	9	207,544	9		9		9		9		9		9	
1/4	163,811	1/4	179,029	1/4	193,832	1/4	207,827	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,128	1/2	179,345	1/2	194,132	1/2	208,110	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,445	3/4	179,661	3/4	194,432	3/4	208,393	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,762	10	179,977	10	194,732	10	208,676	10		10		10		10		10		10	
1/4	165,079	1/4	180,292	1/4	195,031	1/4	208,958	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,396	1/2	180,607	1/2	195,330	1/2	209,239	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,713	3/4	180,922	3/4	195,629	3/4	209,521	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,030	11	181,236	11	195,927	11	209,802	11		11		11		11		11		11	
1/4	166,347	1/4	181,550	1/4	196,225	1/4	210,096	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,665	1/2	181,863	1/2	196,522	1/2	210,389	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,982	3/4	182,176	3/4	196,820	3/4	210,683	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

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	900	0	15,108	0	30,363	0	45,569	0	60,773	0	76,028	0	91,284	0	106,539	0	121,790	0	137,040
1/4	1,078	1/4	15,426	1/4	30,681	1/4	45,884	1/4	61,091	1/4	76,346	1/4	91,601	1/4	106,857	1/4	122,108	1/4	137,358
1/2	1,257	1/2	15,744	1/2	30,998	1/2	46,200	1/2	61,408	1/2	76,664	1/2	91,919	1/2	107,175	1/2	122,426	1/2	137,675
3/4	1,436	3/4	16,061	3/4	31,316	3/4	46,516	3/4	61,726	3/4	76,982	3/4	92,237	3/4	107,492	3/4	122,743	3/4	137,993
1	1,615	1	16,379	1	31,634	1	46,831	1	62,044	1	77,299	1	92,555	1	107,810	1	123,061	1	138,311
1/4	1,846	1/4	16,697	1/4	31,952	1/4	47,147	1/4	62,362	1/4	77,617	1/4	92,873	1/4	108,128	1/4	123,379	1/4	138,628
1/2	2,078	1/2	17,015	1/2	32,270	1/2	47,463	1/2	62,680	1/2	77,935	1/2	93,190	1/2	108,446	1/2	123,696	1/2	138,946
3/4	2,310	3/4	17,333	3/4	32,587	3/4	47,778	3/4	62,998	3/4	78,253	3/4	93,508	3/4	108,764	3/4	124,014	3/4	139,264
2	2,541	2	17,650	2	32,905	2	48,094	2	63,315	2	78,571	2	93,826	2	109,081	2	124,332	2	139,581
1/4	2,826	1/4	17,971	1/4	33,223	1/4	48,409	1/4	63,633	1/4	78,889	1/4	94,144	1/4	109,399	1/4	124,649	1/4	139,899
1/2	3,111	1/2	18,288	1/2	33,541	1/2	48,725	1/2	63,951	1/2	79,206	1/2	94,462	1/2	109,717	1/2	124,967	1/2	140,217
3/4	3,395	3/4	18,605	3/4	33,859	3/4	49,041	3/4	64,269	3/4	79,524	3/4	94,780	3/4	110,035	3/4	125,285	3/4	140,535
3	3,680	3	18,922	3	34,176	3	49,356	3	64,587	3	79,842	3	95,097	3	110,353	3	125,603	3	140,852
1/4	3,995	1/4	19,239	1/4	34,494	1/4	49,672	1/4	64,904	1/4	80,160	1/4	95,415	1/4	110,670	1/4	125,920	1/4	141,170
1/2	4,309	1/2	19,557	1/2	34,812	1/2	49,988	1/2	65,222	1/2	80,478	1/2	95,733	1/2	110,988	1/2	126,238	1/2	141,488
3/4	4,624	3/4	19,875	3/4	35,130	3/4	50,303	3/4	65,540	3/4	80,795	3/4	96,051	3/4	111,306	3/4	126,556	3/4	141,805
4	4,938	4	20,193	4	35,448	4	50,619	4	65,858	4	81,113	4	96,369	4	111,624	4	126,873	4	142,123
1/4	5,256	1/4	20,511	1/4	35,765	1/4	50,935	1/4	66,176	1/4	81,431	1/4	96,686	1/4	111,941	1/4	127,191	1/4	142,441
1/2	5,574	1/2	20,829	1/2	36,083	1/2	51,250	1/2	66,494	1/2	81,749	1/2	97,004	1/2	112,259	1/2	127,509	1/2	142,758
3/4	5,892	3/4	21,146	3/4	36,401	3/4	51,566	3/4	66,811	3/4	82,067	3/4	97,322	3/4	112,577	3/4	127,826	3/4	143,076
5	6,209	5	21,464	5	36,719	5	51,882	5	67,129	5	82,385	5	97,640	5	112,894	5	128,144	5	143,394
1/4	6,527	1/4	21,782	1/4	37,037	1/4	52,198	1/4	67,447	1/4	82,702	1/4	97,958	1/4	113,212	1/4	128,462	1/4	143,712
1/2	6,845	1/2	22,100	1/2	37,355	1/2	52,514	1/2	67,765	1/2	83,020	1/2	98,276	1/2	113,530	1/2	128,780	1/2	144,029
3/4	7,163	3/4	22,418	3/4	37,672	3/4	52,830	3/4	68,083	3/4	83,338	3/4	98,593	3/4	113,848	3/4	129,097	3/4	144,347
6	7,481	6	22,735	6	37,990	6	53,146	6	68,400	6	83,656	6	98,911	6	114,165	6	129,415	6	144,665
1/4	7,796	1/4	23,053	1/4	38,306	1/4	53,464	1/4	68,718	1/4	83,974	1/4	99,229	1/4	114,483	1/4	129,733	1/4	144,982
1/2	8,115	1/2	23,371	1/2	38,623	1/2	53,781	1/2	69,036	1/2	84,292	1/2	99,547	1/2	114,801	1/2	130,050	1/2	145,300
3/4	8,433	3/4	23,689	3/4	38,939	3/4	54,099	3/4	69,354	3/4	84,609	3/4	99,865	3/4	115,118	3/4	130,368	3/4	145,618
7	8,752	7	24,007	7	39,256	7	54,416	7	69,672	7	84,927	7	100,183	7	115,436	7	130,686	7	145,936
1/4	9,070	1/4	24,324	1/4	39,571	1/4	54,734	1/4	69,990	1/4	85,245	1/4	100,500	1/4	115,754	1/4	131,004	1/4	146,253
1/2	9,387	1/2	24,642	1/2	39,887	1/2	55,052	1/2	70,307	1/2	85,563	1/2	100,818	1/2	116,071	1/2	131,321	1/2	146,571
3/4	9,705	3/4	24,960	3/4	40,203	3/4	55,370	3/4	70,625	3/4	85,881	3/4	101,136	3/4	116,389	3/4	131,639	3/4	146,889
8	10,023	8	25,278	8	40,518	8	55,688	8	70,943	8	86,198	8	101,454	8	116,707	8	131,957	8	147,206
1/4	10,341	1/4	25,596	1/4	40,834	1/4	56,006	1/4	71,261	1/4	86,516	1/4	101,772	1/4	117,025	1/4	132,274	1/4	147,524
1/2	10,659	1/2	25,913	1/2	41,150	1/2	56,323	1/2	71,579	1/2	86,834	1/2	102,089	1/2	117,342	1/2	132,592	1/2	147,842
3/4	10,976	3/4	26,231	3/4	41,465	3/4	56,641	3/4	71,897	3/4	87,152	3/4	102,407	3/4	117,660	3/4	132,910	3/4	148,159
9	11,294	9	26,549	9	41,781	9	56,959	9	72,214	9	87,470	9	102,725	9	117,978	9	133,227	9	148,477
1/4	11,612	1/4	26,867	1/4	42,097	1/4	57,277	1/4	72,532	1/4	87,788	1/4	103,043	1/4	118,295	1/4	133,545	1/4	148,795
1/2	11,930	1/2	27,185	1/2	42,412	1/2	57,595	1/2	72,850	1/2	88,105	1/2	103,361	1/2	118,613	1/2	133,863	1/2	149,113
3/4	12,248	3/4	27,502	3/4	42,728	3/4	57,912	3/4	73,168	3/4	88,423	3/4	103,679	3/4	118,931	3/4	134,181	3/4	149,430
10	12,566	10	27,820	10	43,044	10	58,230	10	73,486	10	88,741	10	103,996	10	119,249	10	134,498	10	149,748
1/4	12,883	1/4	28,138	1/4	43,359	1/4	58,548	1/4	73,803	1/4	89,059	1/4	104,314	1/4	119,566	1/4	134,816	1/4	150,066
1/2	13,201	1/2	28,456	1/2	43,675	1/2	58,866	1/2	74,121	1/2	89,377	1/2	104,632	1/2	119,884	1/2	135,134	1/2	150,383
3/4	13,519	3/4	28,774	3/4	43,990	3/4	59,184	3/4	74,439	3/4	89,694	3/4	104,950	3/4	120,202	3/4	135,451	3/4	150,701
11	13,837	11	29,092	11	44,306	11	59,502	11	74,757	11	90,012	11	105,268	11	120,519	11	135,769	11	151,019
1/4	14,155	1/4	29,409	1/4	44,622	1/4	59,819	1/4	75,075	1/4	90,330	1/4	105,585	1/4	120,837	1/4	136,087	1/4	151,336
1/2	14,472	1/2	29,727	1/2	44,937	1/2	60,137	1/2	75,393	1/2	90,648	1/2	105,903	1/2	121,155	1/2	136,404	1/2	151,654
3/4	14,790	3/4	30,045	3/4	45,253	3/4	60,455	3/4	75,710	3/4	90,966	3/4	106,221	3/4	121,472	3/4	136,722	3/4	151,972

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 397"

**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	152,290	0	167,539	0	182,760	0	197,416	0	211,301	0		0		0		0		0	
1/4	152,607	1/4	167,857	1/4	183,073	1/4	197,712	1/4	211,613	1/4		1/4		1/4		1/4		1/4	
1/2	152,925	1/2	168,175	1/2	183,385	1/2	198,009	1/2	211,924	1/2		1/2		1/2		1/2		1/2	
3/4	153,243	3/4	168,492	3/4	183,698	3/4	198,306	3/4	212,236	3/4		3/4		3/4		3/4		3/4	
1	153,560	1	168,810	1	184,011	1	198,602	1	212,547	1		1		1		1		1	
1/4	153,878	1/4	169,128	1/4	184,322	1/4	198,896	1/4	212,861	1/4		1/4		1/4		1/4		1/4	
1/2	154,196	1/2	169,445	1/2	184,633	1/2	199,191	1/2	213,174	1/2		1/2		1/2		1/2		1/2	
3/4	154,513	3/4	169,763	3/4	184,945	3/4	199,485	3/4	213,488	3/4		3/4		3/4		3/4		3/4	
2	154,831	2	170,081	2	185,256	2	199,779	2	213,801	2		2		2		2		2	
1/4	155,149	1/4	170,399	1/4	185,566	1/4	200,072	1/4	214,115	1/4		1/4		1/4		1/4		1/4	
1/2	155,467	1/2	170,716	1/2	185,876	1/2	200,364	1/2	214,428	1/2		1/2		1/2		1/2		1/2	
3/4	155,784	3/4	171,034	3/4	186,186	3/4	200,657	3/4	214,742	3/4		3/4		3/4		3/4		3/4	
3	156,102	3	171,352	3	186,496	3	200,950	3	215,056	3		3		3		3		3	
1/4	156,420	1/4	171,669	1/4	186,805	1/4	201,241	1/4	215,369	1/4		1/4		1/4		1/4		1/4	
1/2	156,737	1/2	171,987	1/2	187,114	1/2	201,533	1/2	215,683	1/2		1/2		1/2		1/2		1/2	
3/4	157,055	3/4	172,305	3/4	187,423	3/4	201,824	3/4	215,996	3/4		3/4		3/4		3/4		3/4	
4	157,373	4	172,623	4	187,731	4	202,116	4	216,310	4		4		4		4		4	
1/4	157,691	1/4	172,940	1/4	188,038	1/4	202,406	1/4	216,623	1/4		1/4		1/4		1/4		1/4	
1/2	158,008	1/2	173,258	1/2	188,346	1/2	202,696	1/2	216,937	1/2		1/2		1/2		1/2		1/2	
3/4	158,326	3/4	173,576	3/4	188,653	3/4	202,986	3/4	217,250	3/4		3/4		3/4		3/4		3/4	
5	158,644	5	173,893	5	188,960	5	203,276	5	217,564	5		5		5		5		5	
1/4	158,961	1/4	174,211	1/4	189,266	1/4	203,564	1/4	217,872	1/4		1/4		1/4		1/4		1/4	
1/2	159,279	1/2	174,529	1/2	189,572	1/2	203,853	1/2	218,179	1/2		1/2		1/2		1/2		1/2	
3/4	159,597	3/4	174,846	3/4	189,878	3/4	204,142	3/4	218,487	3/4		3/4		3/4		3/4		3/4	
6	159,914	6	175,164	6	190,184	6	204,430	6	218,795	6		6		6		6		6	
1/4	160,232	1/4	175,482	1/4	190,489	1/4	204,718	1/4	219,061	1/4		1/4		1/4		1/4		1/4	
1/2	160,550	1/2	175,800	1/2	190,794	1/2	205,005	1/2	219,328	1/2		1/2		1/2		1/2		1/2	
3/4	160,868	3/4	176,117	3/4	191,098	3/4	205,292	3/4	219,594	3/4		3/4		3/4		3/4		3/4	
7	161,185	7	176,435	7	191,403	7	205,579	7	219,860	7		7		7		7		7	
1/4	161,503	1/4	176,753	1/4	191,706	1/4	205,866	1/4	220,076	1/4		1/4		1/4		1/4		1/4	
1/2	161,821	1/2	177,070	1/2	192,010	1/2	206,152	1/2	220,291	1/2		1/2		1/2		1/2		1/2	
3/4	162,138	3/4	177,388	3/4	192,313	3/4	206,438	3/4	220,506	3/4		3/4		3/4		3/4		3/4	
8	162,456	8	177,706	8	192,616	8	206,724	8	220,722	8		8		8		8		8	
1/4	162,774	1/4	178,023	1/4	192,918	1/4	207,008	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,091	1/2	178,341	1/2	193,220	1/2	207,293	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,409	3/4	178,658	3/4	193,522	3/4	207,578	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,727	9	178,976	9	193,824	9	207,863	9		9		9		9		9		9	
1/4	164,045	1/4	179,293	1/4	194,124	1/4	208,146	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,362	1/2	179,609	1/2	194,425	1/2	208,430	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,680	3/4	179,926	3/4	194,726	3/4	208,713	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,998	10	180,243	10	195,026	10	208,997	10		10		10		10		10		10	
1/4	165,315	1/4	180,558	1/4	195,326	1/4	209,279	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,633	1/2	180,874	1/2	195,625	1/2	209,561	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,951	3/4	181,189	3/4	195,924	3/4	209,843	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,268	11	181,504	11	196,224	11	210,125	11		11		11		11		11		11	
1/4	166,586	1/4	181,818	1/4	196,522	1/4	210,419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,904	1/2	182,132	1/2	196,820	1/2	210,713	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,222	3/4	182,446	3/4	197,118	3/4	211,007	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 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	901	0	15,129	0	30,404	0	45,670	0	60,936	0	76,212	0	91,488	0	106,764	0	122,036	0	137,307
1/4	1,080	1/4	15,447	1/4	30,723	1/4	45,988	1/4	61,254	1/4	76,530	1/4	91,806	1/4	107,083	1/4	122,355	1/4	137,625
1/2	1,259	1/2	15,765	1/2	31,041	1/2	46,306	1/2	61,572	1/2	76,848	1/2	92,125	1/2	107,401	1/2	122,673	1/2	137,943
3/4	1,438	3/4	16,083	3/4	31,359	3/4	46,623	3/4	61,890	3/4	77,167	3/4	92,443	3/4	107,719	3/4	122,991	3/4	138,261
1	1,617	1	16,402	1	31,677	1	46,941	1	62,209	1	77,485	1	92,761	1	108,037	1	123,309	1	138,580
1/4	1,849	1/4	16,720	1/4	31,995	1/4	47,259	1/4	62,527	1/4	77,803	1/4	93,079	1/4	108,356	1/4	123,627	1/4	138,898
1/2	2,081	1/2	17,038	1/2	32,314	1/2	47,576	1/2	62,845	1/2	78,121	1/2	93,398	1/2	108,674	1/2	123,945	1/2	139,216
3/4	2,313	3/4	17,356	3/4	32,632	3/4	47,894	3/4	63,163	3/4	78,440	3/4	93,716	3/4	108,992	3/4	124,263	3/4	139,534
2	2,545	2	17,675	2	32,950	2	48,212	2	63,482	2	78,758	2	94,034	2	109,310	2	124,582	2	139,852
1/4	2,830	1/4	17,995	1/4	33,268	1/4	48,530	1/4	63,800	1/4	79,076	1/4	94,352	1/4	109,629	1/4	124,900	1/4	140,170
1/2	3,115	1/2	18,313	1/2	33,587	1/2	48,847	1/2	64,118	1/2	79,394	1/2	94,671	1/2	109,947	1/2	125,218	1/2	140,488
3/4	3,400	3/4	18,630	3/4	33,905	3/4	49,165	3/4	64,436	3/4	79,713	3/4	94,989	3/4	110,265	3/4	125,536	3/4	140,807
3	3,685	3	18,948	3	34,223	3	49,483	3	64,755	3	80,031	3	95,307	3	110,583	3	125,854	3	141,125
1/4	4,000	1/4	19,266	1/4	34,541	1/4	49,801	1/4	65,073	1/4	80,349	1/4	95,625	1/4	110,902	1/4	126,172	1/4	141,443
1/2	4,315	1/2	19,584	1/2	34,860	1/2	50,118	1/2	65,391	1/2	80,667	1/2	95,944	1/2	111,220	1/2	126,490	1/2	141,761
3/4	4,630	3/4	19,902	3/4	35,178	3/4	50,436	3/4	65,710	3/4	80,986	3/4	96,262	3/4	111,538	3/4	126,808	3/4	142,079
4	4,945	4	20,221	4	35,496	4	50,754	4	66,028	4	81,304	4	96,580	4	111,856	4	127,127	4	142,397
1/4	5,263	1/4	20,539	1/4	35,814	1/4	51,072	1/4	66,346	1/4	81,622	1/4	96,898	1/4	112,174	1/4	127,445	1/4	142,715
1/2	5,581	1/2	20,857	1/2	36,133	1/2	51,389	1/2	66,664	1/2	81,941	1/2	97,217	1/2	112,492	1/2	127,763	1/2	143,033
3/4	5,900	3/4	21,175	3/4	36,451	3/4	51,707	3/4	66,983	3/4	82,259	3/4	97,535	3/4	112,810	3/4	128,081	3/4	143,352
5	6,218	5	21,493	5	36,769	5	52,025	5	67,301	5	82,577	5	97,853	5	113,129	5	128,399	5	143,670
1/4	6,536	1/4	21,812	1/4	37,087	1/4	52,343	1/4	67,619	1/4	82,895	1/4	98,171	1/4	113,447	1/4	128,717	1/4	143,988
1/2	6,854	1/2	22,130	1/2	37,406	1/2	52,661	1/2	67,937	1/2	83,214	1/2	98,490	1/2	113,765	1/2	129,035	1/2	144,306
3/4	7,173	3/4	22,448	3/4	37,724	3/4	52,979	3/4	68,256	3/4	83,532	3/4	98,808	3/4	114,083	3/4	129,354	3/4	144,624
6	7,491	6	22,766	6	38,042	6	53,298	6	68,574	6	83,850	6	99,126	6	114,401	6	129,672	6	144,942
1/4	7,807	1/4	23,085	1/4	38,360	1/4	53,616	1/4	68,892	1/4	84,168	1/4	99,445	1/4	114,719	1/4	129,990	1/4	145,260
1/2	8,126	1/2	23,403	1/2	38,679	1/2	53,934	1/2	69,210	1/2	84,487	1/2	99,763	1/2	115,037	1/2	130,308	1/2	145,579
3/4	8,445	3/4	23,721	3/4	38,997	3/4	54,252	3/4	69,529	3/4	84,805	3/4	100,081	3/4	115,356	3/4	130,626	3/4	145,897
7	8,764	7	24,039	7	39,315	7	54,571	7	69,847	7	85,123	7	100,399	7	115,674	7	130,944	7	146,215
1/4	9,082	1/4	24,358	1/4	39,633	1/4	54,889	1/4	70,165	1/4	85,441	1/4	100,718	1/4	115,992	1/4	131,262	1/4	146,533
1/2	9,400	1/2	24,676	1/2	39,951	1/2	55,207	1/2	70,483	1/2	85,760	1/2	101,036	1/2	116,310	1/2	131,581	1/2	146,851
3/4	9,719	3/4	24,994	3/4	40,268	3/4	55,525	3/4	70,802	3/4	86,078	3/4	101,354	3/4	116,628	3/4	131,899	3/4	147,169
8	10,037	8	25,312	8	40,586	8	55,844	8	71,120	8	86,396	8	101,672	8	116,946	8	132,217	8	147,487
1/4	10,355	1/4	25,631	1/4	40,904	1/4	56,162	1/4	71,438	1/4	86,714	1/4	101,991	1/4	117,264	1/4	132,535	1/4	147,806
1/2	10,673	1/2	25,949	1/2	41,222	1/2	56,480	1/2	71,756	1/2	87,033	1/2	102,309	1/2	117,583	1/2	132,853	1/2	148,124
3/4	10,991	3/4	26,267	3/4	41,539	3/4	56,798	3/4	72,075	3/4	87,351	3/4	102,627	3/4	117,901	3/4	133,171	3/4	148,442
9	11,310	9	26,585	9	41,857	9	57,117	9	72,393	9	87,669	9	102,945	9	118,219	9	133,489	9	148,760
1/4	11,628	1/4	26,904	1/4	42,175	1/4	57,435	1/4	72,711	1/4	87,987	1/4	103,264	1/4	118,537	1/4	133,807	1/4	149,078
1/2	11,946	1/2	27,222	1/2	42,493	1/2	57,753	1/2	73,029	1/2	88,306	1/2	103,582	1/2	118,855	1/2	134,126	1/2	149,396
3/4	12,264	3/4	27,540	3/4	42,810	3/4	58,071	3/4	73,348	3/4	88,624	3/4	103,900	3/4	119,173	3/4	134,444	3/4	149,714
10	12,583	10	27,858	10	43,128	10	58,390	10	73,666	10	88,942	10	104,218	10	119,491	10	134,762	10	150,032
1/4	12,901	1/4	28,177	1/4	43,446	1/4	58,708	1/4	73,984	1/4	89,260	1/4	104,537	1/4	119,809	1/4	135,080	1/4	150,351
1/2	13,219	1/2	28,495	1/2	43,764	1/2	59,026	1/2	74,302	1/2	89,579	1/2	104,855	1/2	120,128	1/2	135,398	1/2	150,669
3/4	13,537	3/4	28,813	3/4	44,081	3/4	59,344	3/4	74,621	3/4	89,897	3/4	105,173	3/4	120,446	3/4	135,716	3/4	150,987
11	13,856	11	29,131	11	44,399	11	59,663	11	74,939	11	90,215	11	105,491	11	120,764	11	136,034	11	151,305
1/4	14,174	1/4	29,450	1/4	44,717	1/4	59,981	1/4	75,257	1/4	90,533	1/4	105,810	1/4	121,082	1/4	136,353	1/4	151,623
1/2	14,492	1/2	29,768	1/2	45,035	1/2	60,299	1/2	75,575	1/2	90,852	1/2	106,128	1/2	121,400	1/2	136,671	1/2	151,941
3/4	14,810	3/4	30,086	3/4	45,352	3/4	60,617	3/4	75,894	3/4	91,170	3/4	106,446	3/4	121,718	3/4	136,989	3/4	152,259

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 397"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 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	152,578	0	167,848	0	183,090	0	197,766	0	211,671	0		0		0		0		0	
1/4	152,896	1/4	168,166	1/4	183,403	1/4	198,063	1/4	211,982	1/4		1/4		1/4		1/4		1/4	
1/2	153,214	1/2	168,484	1/2	183,716	1/2	198,360	1/2	212,294	1/2		1/2		1/2		1/2		1/2	
3/4	153,532	3/4	168,803	3/4	184,029	3/4	198,657	3/4	212,606	3/4		3/4		3/4		3/4		3/4	
1	153,850	1	169,121	1	184,342	1	198,954	1	212,918	1		1		1		1		1	
1/4	154,168	1/4	169,439	1/4	184,654	1/4	199,248	1/4	213,232	1/4		1/4		1/4		1/4		1/4	
1/2	154,486	1/2	169,757	1/2	184,966	1/2	199,543	1/2	213,546	1/2		1/2		1/2		1/2		1/2	
3/4	154,805	3/4	170,075	3/4	185,277	3/4	199,838	3/4	213,860	3/4		3/4		3/4		3/4		3/4	
2	155,123	2	170,393	2	185,589	2	200,132	2	214,174	2		2		2		2		2	
1/4	155,441	1/4	170,711	1/4	185,900	1/4	200,425	1/4	214,488	1/4		1/4		1/4		1/4		1/4	
1/2	155,759	1/2	171,030	1/2	186,210	1/2	200,718	1/2	214,802	1/2		1/2		1/2		1/2		1/2	
3/4	156,077	3/4	171,348	3/4	186,521	3/4	201,011	3/4	215,116	3/4		3/4		3/4		3/4		3/4	
3	156,395	3	171,666	3	186,831	3	201,305	3	215,430	3		3		3		3		3	
1/4	156,713	1/4	171,984	1/4	187,140	1/4	201,596	1/4	215,744	1/4		1/4		1/4		1/4		1/4	
1/2	157,031	1/2	172,302	1/2	187,449	1/2	201,888	1/2	216,058	1/2		1/2		1/2		1/2		1/2	
3/4	157,350	3/4	172,620	3/4	187,759	3/4	202,180	3/4	216,372	3/4		3/4		3/4		3/4		3/4	
4	157,668	4	172,938	4	188,068	4	202,472	4	216,686	4		4		4		4		4	
1/4	157,986	1/4	173,256	1/4	188,375	1/4	202,762	1/4	217,000	1/4		1/4		1/4		1/4		1/4	
1/2	158,304	1/2	173,575	1/2	188,683	1/2	203,053	1/2	217,314	1/2		1/2		1/2		1/2		1/2	
3/4	158,622	3/4	173,893	3/4	188,991	3/4	203,343	3/4	217,628	3/4		3/4		3/4		3/4		3/4	
5	158,940	5	174,211	5	189,298	5	203,634	5	217,942	5		5		5		5		5	
1/4	159,258	1/4	174,529	1/4	189,605	1/4	203,923	1/4	218,250	1/4		1/4		1/4		1/4		1/4	
1/2	159,577	1/2	174,847	1/2	189,911	1/2	204,212	1/2	218,558	1/2		1/2		1/2		1/2		1/2	
3/4	159,895	3/4	175,165	3/4	190,218	3/4	204,501	3/4	218,866	3/4		3/4		3/4		3/4		3/4	
6	160,213	6	175,483	6	190,524	6	204,790	6	219,175	6		6		6		6		6	
1/4	160,531	1/4	175,802	1/4	190,829	1/4	205,078	1/4	219,441	1/4		1/4		1/4		1/4		1/4	
1/2	160,849	1/2	176,120	1/2	191,134	1/2	205,365	1/2	219,708	1/2		1/2		1/2		1/2		1/2	
3/4	161,167	3/4	176,438	3/4	191,439	3/4	205,653	3/4	219,975	3/4		3/4		3/4		3/4		3/4	
7	161,485	7	176,756	7	191,745	7	205,941	7	220,242	7		7		7		7		7	
1/4	161,804	1/4	177,074	1/4	192,048	1/4	206,227	1/4	220,457	1/4		1/4		1/4		1/4		1/4	
1/2	162,122	1/2	177,392	1/2	192,352	1/2	206,514	1/2	220,673	1/2		1/2		1/2		1/2		1/2	
3/4	162,440	3/4	177,710	3/4	192,656	3/4	206,800	3/4	220,888	3/4		3/4		3/4		3/4		3/4	
8	162,758	8	178,029	8	192,960	8	207,086	8	221,104	8		8		8		8		8	
1/4	163,076	1/4	178,347	1/4	193,262	1/4	207,372	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,394	1/2	178,665	1/2	193,564	1/2	207,657	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,712	3/4	178,982	3/4	193,866	3/4	207,942	3/4		3/4		3/4		3/4		3/4		3/4	
9	164,030	9	179,300	9	194,169	9	208,227	9		9		9		9		9		9	
1/4	164,349	1/4	179,618	1/4	194,470	1/4	208,511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,667	1/2	179,935	1/2	194,771	1/2	208,795	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,985	3/4	180,252	3/4	195,072	3/4	209,079	3/4		3/4		3/4		3/4		3/4		3/4	
10	165,303	10	180,569	10	195,373	10	209,363	10		10		10		10		10		10	
1/4	165,621	1/4	180,885	1/4	195,673	1/4	209,645	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,939	1/2	181,201	1/2	195,972	1/2	209,928	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,257	3/4	181,516	3/4	196,272	3/4	210,210	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,576	11	181,832	11	196,572	11	210,492	11		11		11		11		11		11	
1/4	166,894	1/4	182,147	1/4	196,870	1/4	210,787	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,212	1/2	182,461	1/2	197,169	1/2	211,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,530	3/4	182,775	3/4	197,467	3/4	211,376	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

ULLAGE TRIM TABLE
HULL C-1122

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-1/2	- 01-1/2	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-1/2	- 01-1/2	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 = 2'-00"
 AFT DRAFT = 4'-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 04'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 253'-03"

July 21, 2015

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "CBC 397"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	183,771	0	176,816	0	169,807	0	162,018	0	153,892	0	145,117	0	130,079	0	114,997	0	99,882	
1/4	1/4	183,702	1/4	176,677	1/4	169,652	1/4	161,849	1/4	153,723	1/4	144,803	1/4	129,765	1/4	114,682	1/4	99,567	
1/2	1/2	183,633	1/2	176,539	1/2	169,497	1/2	161,680	1/2	153,553	1/2	144,490	1/2	129,451	1/2	114,367	1/2	99,252	
3/4	3/4	183,564	3/4	176,400	3/4	169,342	3/4	161,510	3/4	153,384	3/4	144,176	3/4	129,136	3/4	114,052	3/4	98,937	
1	1	183,495	1	176,262	1	169,187	1	161,341	1	153,215	1	143,863	1	128,822	1	113,737	1	98,622	
1/4	1/4	183,375	1/4	176,122	1/4	169,031	1/4	161,172	1/4	153,045	1/4	143,549	1/4	128,508	1/4	113,422	1/4	98,307	
1/2	1/2	183,254	1/2	175,982	1/2	168,875	1/2	161,002	1/2	152,876	1/2	143,235	1/2	128,194	1/2	113,107	1/2	97,992	
3/4	3/4	183,134	3/4	175,843	3/4	168,718	3/4	160,833	3/4	152,707	3/4	142,922	3/4	127,880	3/4	112,793	3/4	97,677	
2	2	183,014	2	175,703	2	168,562	2	160,664	2	152,538	2	142,608	2	127,566	2	112,478	2	97,363	
1/4	1/4	182,853	1/4	175,562	1/4	168,404	1/4	160,495	1/4	152,368	1/4	142,295	1/4	127,252	1/4	112,163	1/4	97,048	
1/2	1/2	182,691	1/2	175,421	1/2	168,246	1/2	160,325	1/2	152,199	1/2	141,981	1/2	126,938	1/2	111,848	1/2	96,733	
3/4	3/4	182,530	3/4	175,280	3/4	168,089	3/4	160,156	3/4	152,030	3/4	141,668	3/4	126,624	3/4	111,533	3/4	96,418	
3	3	182,368	3	175,139	3	167,931	3	159,987	3	151,860	3	141,354	3	126,310	3	111,218	3	96,103	
1/4	1/4	182,201	1/4	174,996	1/4	167,772	1/4	159,817	1/4	151,691	1/4	141,041	1/4	125,996	1/4	110,903	1/4	95,788	
1/2	1/2	182,034	1/2	174,854	1/2	167,613	1/2	159,648	1/2	151,522	1/2	140,727	1/2	125,682	1/2	110,588	1/2	95,473	
3/4	3/4	181,867	3/4	174,712	3/4	167,454	3/4	159,479	3/4	151,353	3/4	140,414	3/4	125,368	3/4	110,272	3/4	95,158	
4	4	181,700	4	174,569	4	167,295	4	159,309	4	151,183	4	140,100	4	125,054	4	109,959	4	94,843	
1/4	1/4	181,533	1/4	174,425	1/4	167,135	1/4	159,140	1/4	151,014	1/4	139,787	1/4	124,740	1/4	109,644	1/4	94,528	
1/2	1/2	181,366	1/2	174,281	1/2	166,975	1/2	158,971	1/2	150,845	1/2	139,473	1/2	124,426	1/2	109,329	1/2	94,213	
3/4	3/4	181,199	3/4	174,138	3/4	166,814	3/4	158,802	3/4	150,675	3/4	139,160	3/4	124,112	3/4	109,014	3/4	93,898	
5	5	181,032	5	173,994	5	166,654	5	158,632	5	150,506	5	138,846	5	123,798	5	108,700	5	93,584	
1/4	1/4	180,865	1/4	173,849	1/4	166,492	1/4	158,463	1/4	150,337	1/4	138,533	1/4	123,484	1/4	108,385	1/4	93,269	
1/2	1/2	180,698	1/2	173,704	1/2	166,330	1/2	158,294	1/2	150,167	1/2	138,220	1/2	123,170	1/2	108,070	1/2	92,954	
3/4	3/4	180,531	3/4	173,559	3/4	166,169	3/4	158,124	3/4	149,998	3/4	137,908	3/4	122,856	3/4	107,755	3/4	92,639	
6	6	180,364	6	173,414	6	166,007	6	157,955	6	149,829	6	137,595	6	122,542	6	107,440	6	92,324	
1/4	1/4	180,197	1/4	173,267	1/4	165,844	1/4	157,786	1/4	149,660	1/4	137,282	1/4	122,228	1/4	107,125	1/4	92,009	
1/2	1/2	180,029	1/2	173,121	1/2	165,681	1/2	157,616	1/2	149,490	1/2	136,969	1/2	121,914	1/2	106,810	1/2	91,694	
3/4	3/4	179,862	3/4	172,974	3/4	165,518	3/4	157,447	3/4	149,321	3/4	136,656	3/4	121,600	3/4	106,495	3/4	91,379	
7	7	179,695	7	172,828	7	165,355	7	157,278	7	149,152	7	136,343	7	121,286	7	106,180	7	91,064	
1/4	1/4	179,530	1/4	172,679	1/4	165,191	1/4	157,109	1/4	148,982	1/4	136,030	1/4	120,971	1/4	105,865	1/4	90,749	
1/2	1/2	179,366	1/2	172,531	1/2	165,026	1/2	156,939	1/2	148,813	1/2	135,717	1/2	120,657	1/2	105,550	1/2	90,434	
3/4	3/4	179,201	3/4	172,383	3/4	164,862	3/4	156,770	3/4	148,644	3/4	135,405	3/4	120,343	3/4	105,235	3/4	90,120	
8	8	179,036	8	172,234	8	164,698	8	156,601	8	148,474	8	135,092	8	120,028	8	104,921	8	89,805	
1/4	1/4	178,888	1/4	172,084	1/4	164,532	1/4	156,431	1/4	148,305	1/4	134,779	1/4	119,714	1/4	104,606	1/4	89,490	
1/2	1/2	178,741	1/2	171,935	1/2	164,367	1/2	156,262	1/2	148,136	1/2	134,466	1/2	119,400	1/2	104,291	1/2	89,175	
3/4	3/4	178,593	3/4	171,785	3/4	164,201	3/4	156,093	3/4	147,967	3/4	134,153	3/4	119,085	3/4	103,976	3/4	88,860	
9	9	178,445	9	171,635	9	164,036	9	155,924	9	147,797	9	133,840	9	118,771	9	103,661	9	88,545	
1/4	1/4	178,311	1/4	171,484	1/4	163,869	1/4	155,754	1/4	147,628	1/4	133,527	1/4	118,457	1/4	103,346	1/4	88,230	
1/2	1/2	178,177	1/2	171,333	1/2	163,702	1/2	155,585	1/2	147,459	1/2	133,214	1/2	118,143	1/2	103,031	1/2	87,915	
3/4	3/4	178,042	3/4	171,182	3/4	163,535	3/4	155,416	3/4	147,289	3/4	132,902	3/4	117,828	3/4	102,716	3/4	87,600	
10	10	177,908	10	171,031	10	163,368	10	155,246	10	147,120	10	132,589	10	117,514	10	102,401	10	87,285	
1/4	1/4	177,772	1/4	170,879	1/4	163,199	1/4	155,077	1/4	146,933	1/4	132,276	1/4	117,200	1/4	102,086	1/4	86,970	
1/2	1/2	177,636	1/2	170,726	1/2	163,031	1/2	154,908	1/2	146,745	1/2	131,963	1/2	116,885	1/2	101,771	1/2	86,655	
3/4	3/4	177,500	3/4	170,574	3/4	162,863	3/4	154,738	3/4	146,558	3/4	131,649	3/4	116,571	3/4	101,456	3/4	86,341	
11	11	177,365	11	170,422	11	162,695	11	154,569	11	146,371	11	131,336	11	116,256	11	101,142	11	86,026	
1/4	1/4	177,227	1/4	170,268	1/4	162,525	1/4	154,400	1/4	146,057	1/4	131,022	1/4	115,942	1/4	100,827	1/4	85,711	
1/2	1/2	177,090	1/2	170,115	1/2	162,356	1/2	154,231	1/2	145,744	1/2	130,708	1/2	115,628	1/2	100,512	1/2	85,396	
3/4	3/4	176,953	3/4	169,961	3/4	162,187	3/4	154,061	3/4	145,430	3/4	130,393	3/4	115,313	3/4	100,197	3/4	85,081	

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'-06" 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 397"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	84,766	0	69,646	0	54,590	0	39,928	0	25,063	0	9,939	0		0		0		0	
1/4	84,451	1/4	69,331	1/4	54,278	1/4	39,627	1/4	24,748	1/4	9,624	1/4		1/4		1/4		1/4	
1/2	84,136	1/2	69,016	1/2	53,966	1/2	39,326	1/2	24,432	1/2	9,309	1/2		1/2		1/2		1/2	
3/4	83,821	3/4	68,701	3/4	53,653	3/4	39,025	3/4	24,117	3/4	8,994	3/4		3/4		3/4		3/4	
1	83,506	1	68,386	1	53,341	1	38,724	1	23,802	1	8,679	1		1		1		1	
1/4	83,191	1/4	68,071	1/4	53,029	1/4	38,423	1/4	23,487	1/4	8,363	1/4		1/4		1/4		1/4	
1/2	82,876	1/2	67,756	1/2	52,716	1/2	38,122	1/2	23,172	1/2	8,047	1/2		1/2		1/2		1/2	
3/4	82,561	3/4	67,441	3/4	52,404	3/4	37,821	3/4	22,857	3/4	7,731	3/4		3/4		3/4		3/4	
2	82,246	2	67,126	2	52,092	2	37,520	2	22,542	2	7,418	2		2		2		2	
1/4	81,931	1/4	66,811	1/4	51,780	1/4	37,218	1/4	22,227	1/4	7,103	1/4		1/4		1/4		1/4	
1/2	81,616	1/2	66,496	1/2	51,468	1/2	36,916	1/2	21,912	1/2	6,788	1/2		1/2		1/2		1/2	
3/4	81,301	3/4	66,181	3/4	51,157	3/4	36,614	3/4	21,597	3/4	6,473	3/4		3/4		3/4		3/4	
3	80,986	3	65,866	3	50,845	3	36,312	3	21,282	3	6,158	3		3		3		3	
1/4	80,671	1/4	65,551	1/4	50,533	1/4	36,010	1/4	20,967	1/4	5,843	1/4		1/4		1/4		1/4	
1/2	80,356	1/2	65,236	1/2	50,221	1/2	35,708	1/2	20,652	1/2	5,527	1/2		1/2		1/2		1/2	
3/4	80,041	3/4	64,921	3/4	49,910	3/4	35,405	3/4	20,336	3/4	5,212	3/4		3/4		3/4		3/4	
4	79,726	4	64,606	4	49,598	4	35,103	4	20,021	4	4,897	4		4		4		4	
1/4	79,411	1/4	64,291	1/4	49,287	1/4	34,799	1/4	19,706	1/4	4,585	1/4		1/4		1/4		1/4	
1/2	79,096	1/2	63,977	1/2	48,975	1/2	34,494	1/2	19,391	1/2	4,273	1/2		1/2		1/2		1/2	
3/4	78,781	3/4	63,662	3/4	48,664	3/4	34,189	3/4	19,076	3/4	3,961	3/4		3/4		3/4		3/4	
5	78,466	5	63,347	5	48,353	5	33,885	5	18,761	5	3,650	5		5		5		5	
1/4	78,151	1/4	63,032	1/4	48,052	1/4	33,570	1/4	18,447	1/4	3,368	1/4		1/4		1/4		1/4	
1/2	77,836	1/2	62,717	1/2	47,751	1/2	33,255	1/2	18,133	1/2	3,086	1/2		1/2		1/2		1/2	
3/4	77,521	3/4	62,403	3/4	47,450	3/4	32,940	3/4	17,818	3/4	2,804	3/4		3/4		3/4		3/4	
6	77,206	6	62,088	6	47,149	6	32,624	6	17,501	6	2,522	6		6		6		6	
1/4	76,891	1/4	61,775	1/4	46,848	1/4	32,309	1/4	17,186	1/4	2,293	1/4		1/4		1/4		1/4	
1/2	76,576	1/2	61,463	1/2	46,547	1/2	31,994	1/2	16,871	1/2	2,063	1/2		1/2		1/2		1/2	
3/4	76,261	3/4	61,151	3/4	46,246	3/4	31,679	3/4	16,556	3/4	1,833	3/4		3/4		3/4		3/4	
7	75,946	7	60,838	7	45,946	7	31,364	7	16,241	7	1,604	7		7		7		7	
1/4	75,631	1/4	60,526	1/4	45,645	1/4	31,049	1/4	15,925	1/4	1,426	1/4		1/4		1/4		1/4	
1/2	75,316	1/2	60,213	1/2	45,344	1/2	30,734	1/2	15,610	1/2	1,249	1/2		1/2		1/2		1/2	
3/4	75,001	3/4	59,901	3/4	45,043	3/4	30,419	3/4	15,295	3/4	1,071	3/4		3/4		3/4		3/4	
8	74,686	8	59,589	8	44,742	8	30,104	8	14,980	8	894	8		8		8		8	
1/4	74,371	1/4	59,276	1/4	44,441	1/4	29,789	1/4	14,665	1/4		1/4		1/4		1/4		1/4	
1/2	74,056	1/2	58,964	1/2	44,140	1/2	29,474	1/2	14,350	1/2		1/2		1/2		1/2		1/2	
3/4	73,741	3/4	58,652	3/4	43,839	3/4	29,159	3/4	14,035	3/4		3/4		3/4		3/4		3/4	
9	73,426	9	58,339	9	43,538	9	28,844	9	13,720	9		9		9		9		9	
1/4	73,111	1/4	58,027	1/4	43,238	1/4	28,528	1/4	13,405	1/4		1/4		1/4		1/4		1/4	
1/2	72,796	1/2	57,714	1/2	42,937	1/2	28,213	1/2	13,090	1/2		1/2		1/2		1/2		1/2	
3/4	72,481	3/4	57,402	3/4	42,636	3/4	27,898	3/4	12,775	3/4		3/4		3/4		3/4		3/4	
10	72,166	10	57,090	10	42,335	10	27,583	10	12,460	10		10		10		10		10	
1/4	71,851	1/4	56,777	1/4	42,034	1/4	27,268	1/4	12,145	1/4		1/4		1/4		1/4		1/4	
1/2	71,536	1/2	56,465	1/2	41,733	1/2	26,953	1/2	11,829	1/2		1/2		1/2		1/2		1/2	
3/4	71,221	3/4	56,152	3/4	41,432	3/4	26,638	3/4	11,514	3/4		3/4		3/4		3/4		3/4	
11	70,906	11	55,840	11	41,131	11	26,323	11	11,199	11		11		11		11		11	
1/4	70,591	1/4	55,528	1/4	40,830	1/4	26,008	1/4	10,884	1/4		1/4		1/4		1/4		1/4	
1/2	70,276	1/2	55,215	1/2	40,530	1/2	25,693	1/2	10,569	1/2		1/2		1/2		1/2		1/2	
3/4	69,961	3/4	54,903	3/4	40,229	3/4	25,378	3/4	10,254	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	178,395	0	171,384	0	163,590	0	155,428	0	146,904	0	131,826	0	116,696	0	101,540
1/4	1/4	1/4	1/4	1/4	178,257	1/4	171,230	1/4	163,420	1/4	155,258	1/4	146,590	1/4	131,511	1/4	116,380	1/4	101,224
1/2	1/2	1/2	185,110	1/2	178,119	1/2	171,075	1/2	163,250	1/2	155,087	1/2	146,275	1/2	131,196	1/2	116,064	1/2	100,908
3/4	3/4	3/4	185,040	3/4	177,980	3/4	170,920	3/4	163,080	3/4	154,917	3/4	145,961	3/4	130,881	3/4	115,749	3/4	100,592
1	1	1	184,971	1	177,841	1	170,764	1	162,910	1	154,747	1	145,647	1	130,566	1	115,433	1	100,276
1/4	1/4	1/4	184,901	1/4	177,702	1/4	170,608	1/4	162,740	1/4	154,577	1/4	145,332	1/4	130,251	1/4	115,117	1/4	99,961
1/2	1/2	1/2	184,831	1/2	177,562	1/2	170,452	1/2	162,570	1/2	154,407	1/2	145,018	1/2	129,935	1/2	114,801	1/2	99,645
3/4	3/4	3/4	184,710	3/4	177,422	3/4	170,295	3/4	162,400	3/4	154,237	3/4	144,703	3/4	129,620	3/4	114,486	3/4	99,329
2	2	2	184,589	2	177,281	2	170,138	2	162,230	2	154,067	2	144,389	2	129,305	2	114,170	2	99,013
1/4	1/4	1/4	184,468	1/4	177,141	1/4	169,981	1/4	162,060	1/4	153,897	1/4	144,075	1/4	128,990	1/4	113,854	1/4	98,697
1/2	1/2	1/2	184,347	1/2	177,000	1/2	169,824	1/2	161,890	1/2	153,727	1/2	143,760	1/2	128,675	1/2	113,539	1/2	98,382
3/4	3/4	3/4	184,185	3/4	176,859	3/4	169,665	3/4	161,720	3/4	153,557	3/4	143,446	3/4	128,359	3/4	113,223	3/4	98,066
3	3	3	184,023	3	176,717	3	169,507	3	161,550	3	153,387	3	143,131	3	128,044	3	112,907	3	97,750
1/4	1/4	1/4	183,861	1/4	176,575	1/4	169,349	1/4	161,379	1/4	153,217	1/4	142,817	1/4	127,729	1/4	112,591	1/4	97,434
1/2	1/2	1/2	183,699	1/2	176,433	1/2	169,190	1/2	161,209	1/2	153,047	1/2	142,503	1/2	127,414	1/2	112,276	1/2	97,119
3/4	3/4	3/4	183,531	3/4	176,290	3/4	169,030	3/4	161,039	3/4	152,877	3/4	142,188	3/4	127,099	3/4	111,960	3/4	96,803
4	4	4	183,363	4	176,147	4	168,871	4	160,869	4	152,707	4	141,874	4	126,783	4	111,644	4	96,487
1/4	1/4	1/4	183,195	1/4	176,004	1/4	168,711	1/4	160,699	1/4	152,537	1/4	141,559	1/4	126,468	1/4	111,329	1/4	96,171
1/2	1/2	1/2	183,027	1/2	175,861	1/2	168,551	1/2	160,529	1/2	152,367	1/2	141,245	1/2	126,153	1/2	111,013	1/2	95,855
3/4	3/4	3/4	182,860	3/4	175,716	3/4	168,390	3/4	160,359	3/4	152,197	3/4	140,931	3/4	125,838	3/4	110,697	3/4	95,540
5	5	5	182,692	5	175,572	5	168,229	5	160,189	5	152,027	5	140,616	5	125,523	5	110,381	5	95,224
1/4	1/4	1/4	182,524	1/4	175,427	1/4	168,068	1/4	160,019	1/4	151,856	1/4	140,302	1/4	125,208	1/4	110,066	1/4	94,908
1/2	1/2	1/2	182,356	1/2	175,283	1/2	167,907	1/2	159,849	1/2	151,686	1/2	139,988	1/2	124,892	1/2	109,750	1/2	94,592
3/4	3/4	3/4	182,188	3/4	175,137	3/4	167,744	3/4	159,679	3/4	151,516	3/4	139,674	3/4	124,577	3/4	109,434	3/4	94,276
6	6	6	182,020	6	174,991	6	167,582	6	159,509	6	151,346	6	139,360	6	124,262	6	109,118	6	93,961
1/4	1/4	1/4	181,853	1/4	174,845	1/4	167,419	1/4	159,339	1/4	151,176	1/4	139,046	1/4	123,947	1/4	108,803	1/4	93,645
1/2	1/2	1/2	181,685	1/2	174,699	1/2	167,257	1/2	159,169	1/2	151,006	1/2	138,733	1/2	123,632	1/2	108,487	1/2	93,329
3/4	3/4	3/4	181,517	3/4	174,552	3/4	167,093	3/4	158,999	3/4	150,836	3/4	138,419	3/4	123,316	3/4	108,171	3/4	93,013
7	7	7	181,349	7	174,405	7	166,929	7	158,829	7	150,666	7	138,105	7	123,001	7	107,855	7	92,698
1/4	1/4	1/4	181,181	1/4	174,258	1/4	166,766	1/4	158,659	1/4	150,496	1/4	137,791	1/4	122,686	1/4	107,539	1/4	92,382
1/2	1/2	1/2	181,013	1/2	174,111	1/2	166,602	1/2	158,489	1/2	150,326	1/2	137,478	1/2	122,371	1/2	107,224	1/2	92,066
3/4	3/4	3/4	180,848	3/4	173,961	3/4	166,437	3/4	158,319	3/4	150,156	3/4	137,164	3/4	122,056	3/4	106,908	3/4	91,750
8	8	8	180,682	8	173,812	8	166,272	8	158,148	8	149,986	8	136,850	8	121,740	8	106,592	8	91,434
1/4	1/4	1/4	180,517	1/4	173,663	1/4	166,107	1/4	157,978	1/4	149,816	1/4	136,536	1/4	121,425	1/4	106,276	1/4	91,119
1/2	1/2	1/2	180,351	1/2	173,514	1/2	165,942	1/2	157,808	1/2	149,646	1/2	136,223	1/2	121,110	1/2	105,961	1/2	90,803
3/4	3/4	3/4	180,203	3/4	173,364	3/4	165,776	3/4	157,638	3/4	149,476	3/4	135,909	3/4	120,795	3/4	105,645	3/4	90,487
9	9	9	180,054	9	173,213	9	165,609	9	157,468	9	149,306	9	135,595	9	120,480	9	105,329	9	90,171
1/4	1/4	1/4	179,906	1/4	173,062	1/4	165,443	1/4	157,298	1/4	149,136	1/4	135,281	1/4	120,165	1/4	105,013	1/4	89,855
1/2	1/2	1/2	179,758	1/2	172,912	1/2	165,277	1/2	157,128	1/2	148,966	1/2	134,968	1/2	119,849	1/2	104,697	1/2	89,540
3/4	3/4	3/4	179,622	3/4	172,760	3/4	165,109	3/4	156,958	3/4	148,796	3/4	134,654	3/4	119,534	3/4	104,382	3/4	89,224
10	10	10	179,487	10	172,608	10	164,941	10	156,788	10	148,625	10	134,340	10	119,219	10	104,066	10	88,908
1/4	1/4	1/4	179,352	1/4	172,457	1/4	164,773	1/4	156,618	1/4	148,455	1/4	134,026	1/4	118,904	1/4	103,750	1/4	88,592
1/2	1/2	1/2	179,217	1/2	172,305	1/2	164,606	1/2	156,448	1/2	148,285	1/2	133,713	1/2	118,589	1/2	103,434	1/2	88,277
3/4	3/4	3/4	179,081	3/4	172,152	3/4	164,437	3/4	156,278	3/4	148,097	3/4	133,399	3/4	118,273	3/4	103,118	3/4	87,961
11	11	11	178,944	11	171,999	11	164,268	11	156,108	11	147,909	11	133,085	11	117,958	11	102,803	11	87,645
1/4	1/4	1/4	178,807	1/4	171,846	1/4	164,099	1/4	155,938	1/4	147,721	1/4	132,771	1/4	117,643	1/4	102,487	1/4	87,329
1/2	1/2	1/2	178,671	1/2	171,693	1/2	163,929	1/2	155,768	1/2	147,533	1/2	132,457	1/2	117,328	1/2	102,171	1/2	87,013
3/4	3/4	3/4	178,533	3/4	171,538	3/4	163,760	3/4	155,598	3/4	147,219	3/4	132,142	3/4	117,012	3/4	101,855	3/4	86,698

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'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

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BARGE "CBC 397"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,382	0	71,221	0	56,059	0	40,911	0	25,753	0	10,593	0		0		0		0	
1/4	86,066	1/4	70,905	1/4	55,744	1/4	40,595	1/4	25,437	1/4	10,277	1/4		1/4		1/4		1/4	
1/2	85,750	1/2	70,589	1/2	55,428	1/2	40,280	1/2	25,122	1/2	9,961	1/2		1/2		1/2		1/2	
3/4	85,434	3/4	70,273	3/4	55,112	3/4	39,964	3/4	24,806	3/4	9,645	3/4		3/4		3/4		3/4	
1	85,119	1	69,957	1	54,796	1	39,649	1	24,490	1	9,329	1		1		1		1	
1/4	84,803	1/4	69,641	1/4	54,480	1/4	39,333	1/4	24,174	1/4	9,013	1/4		1/4		1/4		1/4	
1/2	84,487	1/2	69,326	1/2	54,164	1/2	39,018	1/2	23,858	1/2	8,698	1/2		1/2		1/2		1/2	
3/4	84,171	3/4	69,010	3/4	53,848	3/4	38,702	3/4	23,542	3/4	8,381	3/4		3/4		3/4		3/4	
2	83,855	2	68,694	2	53,533	2	38,387	2	23,227	2	8,064	2		2		2		2	
1/4	83,539	1/4	68,378	1/4	53,217	1/4	38,071	1/4	22,911	1/4	7,748	1/4		1/4		1/4		1/4	
1/2	83,223	1/2	68,062	1/2	52,901	1/2	37,756	1/2	22,595	1/2	7,434	1/2		1/2		1/2		1/2	
3/4	82,908	3/4	67,746	3/4	52,585	3/4	37,440	3/4	22,279	3/4	7,118	3/4		3/4		3/4		3/4	
3	82,592	3	67,430	3	52,269	3	37,124	3	21,963	3	6,802	3		3		3		3	
1/4	82,276	1/4	67,115	1/4	51,953	1/4	36,808	1/4	21,647	1/4	6,487	1/4		1/4		1/4		1/4	
1/2	81,960	1/2	66,799	1/2	51,637	1/2	36,492	1/2	21,331	1/2	6,171	1/2		1/2		1/2		1/2	
3/4	81,644	3/4	66,483	3/4	51,322	3/4	36,176	3/4	21,016	3/4	5,855	3/4		3/4		3/4		3/4	
4	81,328	4	66,167	4	51,006	4	35,860	4	20,700	4	5,539	4		4		4		4	
1/4	81,012	1/4	65,851	1/4	50,690	1/4	35,545	1/4	20,384	1/4	5,223	1/4		1/4		1/4		1/4	
1/2	80,697	1/2	65,535	1/2	50,375	1/2	35,229	1/2	20,068	1/2	4,907	1/2		1/2		1/2		1/2	
3/4	80,381	3/4	65,219	3/4	50,059	3/4	34,913	3/4	19,752	3/4	4,595	3/4		3/4		3/4		3/4	
5	80,065	5	64,904	5	49,744	5	34,597	5	19,436	5	4,282	5		5		5		5	
1/4	79,749	1/4	64,588	1/4	49,428	1/4	34,281	1/4	19,121	1/4	3,970	1/4		1/4		1/4		1/4	
1/2	79,433	1/2	64,272	1/2	49,113	1/2	33,965	1/2	18,805	1/2	3,657	1/2		1/2		1/2		1/2	
3/4	79,117	3/4	63,956	3/4	48,797	3/4	33,650	3/4	18,490	3/4	3,374	3/4		3/4		3/4		3/4	
6	78,801	6	63,640	6	48,482	6	33,334	6	18,175	6	3,091	6		6		6		6	
1/4	78,486	1/4	63,324	1/4	48,166	1/4	33,018	1/4	17,859	1/4	2,808	1/4		1/4		1/4		1/4	
1/2	78,170	1/2	63,008	1/2	47,851	1/2	32,702	1/2	17,541	1/2	2,525	1/2		1/2		1/2		1/2	
3/4	77,854	3/4	62,693	3/4	47,535	3/4	32,386	3/4	17,225	3/4	2,295	3/4		3/4		3/4		3/4	
7	77,538	7	62,377	7	47,220	7	32,070	7	16,910	7	2,065	7		7		7		7	
1/4	77,222	1/4	62,061	1/4	46,905	1/4	31,754	1/4	16,594	1/4	1,835	1/4		1/4		1/4		1/4	
1/2	76,906	1/2	61,745	1/2	46,589	1/2	31,439	1/2	16,278	1/2	1,604	1/2		1/2		1/2		1/2	
3/4	76,590	3/4	61,429	3/4	46,274	3/4	31,123	3/4	15,962	3/4	1,427	3/4		3/4		3/4		3/4	
8	76,275	8	61,113	8	45,958	8	30,807	8	15,646	8	1,249	8		8		8		8	
1/4	75,959	1/4	60,797	1/4	45,643	1/4	30,491	1/4	15,330	1/4	1,071	1/4		1/4		1/4		1/4	
1/2	75,643	1/2	60,481	1/2	45,327	1/2	30,175	1/2	15,015	1/2	894	1/2		1/2		1/2		1/2	
3/4	75,327	3/4	60,166	3/4	45,012	3/4	29,859	3/4	14,699	3/4		3/4		3/4		3/4		3/4	
9	75,011	9	59,850	9	44,696	9	29,544	9	14,383	9		9		9		9		9	
1/4	74,695	1/4	59,534	1/4	44,381	1/4	29,228	1/4	14,067	1/4		1/4		1/4		1/4		1/4	
1/2	74,379	1/2	59,218	1/2	44,065	1/2	28,912	1/2	13,751	1/2		1/2		1/2		1/2		1/2	
3/4	74,063	3/4	58,902	3/4	43,750	3/4	28,596	3/4	13,435	3/4		3/4		3/4		3/4		3/4	
10	73,748	10	58,586	10	43,434	10	28,280	10	13,119	10		10		10		10		10	
1/4	73,432	1/4	58,270	1/4	43,119	1/4	27,964	1/4	12,804	1/4		1/4		1/4		1/4		1/4	
1/2	73,116	1/2	57,955	1/2	42,804	1/2	27,648	1/2	12,488	1/2		1/2		1/2		1/2		1/2	
3/4	72,800	3/4	57,639	3/4	42,488	3/4	27,333	3/4	12,172	3/4		3/4		3/4		3/4		3/4	
11	72,484	11	57,323	11	42,173	11	27,017	11	11,856	11		11		11		11		11	
1/4	72,168	1/4	57,007	1/4	41,857	1/4	26,701	1/4	11,540	1/4		1/4		1/4		1/4		1/4	
1/2	71,852	1/2	56,691	1/2	41,542	1/2	26,385	1/2	11,224	1/2		1/2		1/2		1/2		1/2	
3/4	71,537	3/4	56,375	3/4	41,226	3/4	26,069	3/4	10,908	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

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
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
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
1/4	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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'-06" OFF CENTERLINE AND 42'-03" 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 397"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,968	0	70,761	0	55,555	0	40,902	0	25,831	0	10,625	0		0		0		0	
1/4	85,651	1/4	70,445	1/4	55,238	1/4	40,599	1/4	25,514	1/4	10,308	1/4		1/4		1/4		1/4	
1/2	85,334	1/2	70,128	1/2	54,921	1/2	40,297	1/2	25,197	1/2	9,991	1/2		1/2		1/2		1/2	
3/4	85,018	3/4	69,811	3/4	54,604	3/4	39,994	3/4	24,880	3/4	9,674	3/4		3/4		3/4		3/4	
1	84,701	1	69,494	1	54,287	1	39,692	1	24,564	1	9,358	1		1		1		1	
1/4	84,384	1/4	69,177	1/4	53,971	1/4	39,390	1/4	24,247	1/4	9,041	1/4		1/4		1/4		1/4	
1/2	84,067	1/2	68,860	1/2	53,654	1/2	39,087	1/2	23,930	1/2	8,724	1/2		1/2		1/2		1/2	
3/4	83,750	3/4	68,544	3/4	53,339	3/4	38,783	3/4	23,613	3/4	8,407	3/4		3/4		3/4		3/4	
2	83,434	2	68,227	2	53,024	2	38,478	2	23,296	2	8,089	2		2		2		2	
1/4	83,117	1/4	67,910	1/4	52,709	1/4	38,173	1/4	22,980	1/4	7,772	1/4		1/4		1/4		1/4	
1/2	82,800	1/2	67,593	1/2	52,394	1/2	37,869	1/2	22,663	1/2	7,457	1/2		1/2		1/2		1/2	
3/4	82,483	3/4	67,276	3/4	52,091	3/4	37,552	3/4	22,346	3/4	7,140	3/4		3/4		3/4		3/4	
3	82,166	3	66,960	3	51,788	3	37,235	3	22,029	3	6,823	3		3		3		3	
1/4	81,849	1/4	66,643	1/4	51,485	1/4	36,918	1/4	21,712	1/4	6,506	1/4		1/4		1/4		1/4	
1/2	81,533	1/2	66,326	1/2	51,182	1/2	36,602	1/2	21,396	1/2	6,190	1/2		1/2		1/2		1/2	
3/4	81,216	3/4	66,009	3/4	50,880	3/4	36,285	3/4	21,079	3/4	5,873	3/4		3/4		3/4		3/4	
4	80,899	4	65,692	4	50,578	4	35,968	4	20,762	4	5,556	4		4		4		4	
1/4	80,582	1/4	65,376	1/4	50,275	1/4	35,651	1/4	20,445	1/4	5,239	1/4		1/4		1/4		1/4	
1/2	80,265	1/2	65,059	1/2	49,973	1/2	35,334	1/2	20,128	1/2	4,923	1/2		1/2		1/2		1/2	
3/4	79,949	3/4	64,742	3/4	49,670	3/4	35,018	3/4	19,812	3/4	4,609	3/4		3/4		3/4		3/4	
5	79,632	5	64,425	5	49,368	5	34,701	5	19,495	5	4,296	5		5		5		5	
1/4	79,315	1/4	64,108	1/4	49,066	1/4	34,384	1/4	19,178	1/4	3,982	1/4		1/4		1/4		1/4	
1/2	78,998	1/2	63,792	1/2	48,763	1/2	34,067	1/2	18,861	1/2	3,669	1/2		1/2		1/2		1/2	
3/4	78,681	3/4	63,475	3/4	48,461	3/4	33,751	3/4	18,545	3/4	3,385	3/4		3/4		3/4		3/4	
6	78,365	6	63,158	6	48,159	6	33,434	6	18,229	6	3,101	6		6		6		6	
1/4	78,048	1/4	62,841	1/4	47,856	1/4	33,117	1/4	17,913	1/4	2,817	1/4		1/4		1/4		1/4	
1/2	77,731	1/2	62,524	1/2	47,554	1/2	32,800	1/2	17,594	1/2	2,533	1/2		1/2		1/2		1/2	
3/4	77,414	3/4	62,208	3/4	47,251	3/4	32,483	3/4	17,277	3/4	2,302	3/4		3/4		3/4		3/4	
7	77,097	7	61,891	7	46,949	7	32,167	7	16,961	7	2,072	7		7		7		7	
1/4	76,781	1/4	61,574	1/4	46,647	1/4	31,850	1/4	16,644	1/4	1,841	1/4		1/4		1/4		1/4	
1/2	76,464	1/2	61,257	1/2	46,344	1/2	31,533	1/2	16,327	1/2	1,610	1/2		1/2		1/2		1/2	
3/4	76,147	3/4	60,940	3/4	46,042	3/4	31,216	3/4	16,010	3/4	1,431	3/4		3/4		3/4		3/4	
8	75,830	8	60,624	8	45,740	8	30,899	8	15,693	8	1,253	8		8		8		8	
1/4	75,513	1/4	60,307	1/4	45,437	1/4	30,583	1/4	15,377	1/4	1,075	1/4		1/4		1/4		1/4	
1/2	75,197	1/2	59,990	1/2	45,135	1/2	30,266	1/2	15,060	1/2	897	1/2		1/2		1/2		1/2	
3/4	74,880	3/4	59,673	3/4	44,832	3/4	29,949	3/4	14,743	3/4		3/4		3/4		3/4		3/4	
9	74,563	9	59,356	9	44,530	9	29,632	9	14,426	9		9		9		9		9	
1/4	74,246	1/4	59,040	1/4	44,228	1/4	29,315	1/4	14,109	1/4		1/4		1/4		1/4		1/4	
1/2	73,929	1/2	58,723	1/2	43,925	1/2	28,999	1/2	13,793	1/2		1/2		1/2		1/2		1/2	
3/4	73,613	3/4	58,406	3/4	43,623	3/4	28,682	3/4	13,476	3/4		3/4		3/4		3/4		3/4	
10	73,296	10	58,089	10	43,321	10	28,365	10	13,159	10		10		10		10		10	
1/4	72,979	1/4	57,772	1/4	43,018	1/4	28,048	1/4	12,842	1/4		1/4		1/4		1/4		1/4	
1/2	72,662	1/2	57,456	1/2	42,716	1/2	27,731	1/2	12,525	1/2		1/2		1/2		1/2		1/2	
3/4	72,345	3/4	57,139	3/4	42,414	3/4	27,415	3/4	12,209	3/4		3/4		3/4		3/4		3/4	
11	72,029	11	56,822	11	42,111	11	27,098	11	11,892	11		11		11		11		11	
1/4	71,712	1/4	56,505	1/4	41,809	1/4	26,781	1/4	11,575	1/4		1/4		1/4		1/4		1/4	
1/2	71,395	1/2	56,188	1/2	41,506	1/2	26,464	1/2	11,258	1/2		1/2		1/2		1/2		1/2	
3/4	71,078	3/4	55,871	3/4	41,204	3/4	26,148	3/4	10,942	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1/4	1/4	220,378	1/4	220,407	1/4	192,628	1/4	177,445	1/4	162,542	1/4	147,321	1/4	132,100	1/4	116,880	1/4	101,656	1/4	
1/2	1/2	220,163	1/2	206,121	1/2	192,024	1/2	177,128	1/2	161,908	1/2	146,687	1/2	131,466	1/2	116,246	1/2	101,021	1/2	85,796
3/4	3/4	219,948	3/4	205,836	3/4	191,721	3/4	176,811	3/4	161,590	3/4	146,370	3/4	131,149	3/4	115,928	3/4	100,704	3/4	85,571
1	1	219,733	1	205,550	1	191,419	1	176,494	1	161,273	1	146,053	1	130,832	1	115,611	1	100,387	1	85,356
1/4	1/4	219,519	1/4	205,265	1/4	191,116	1/4	176,177	1/4	160,956	1/4	145,736	1/4	130,515	1/4	115,294	1/4	100,170	1/4	85,141
1/2	1/2	219,253	1/2	204,978	1/2	190,812	1/2	175,860	1/2	160,639	1/2	145,419	1/2	130,198	1/2	114,977	1/2	99,752	1/2	84,926
3/4	3/4	218,987	3/4	204,691	3/4	190,508	3/4	175,543	3/4	160,322	3/4	145,101	3/4	129,881	3/4	114,660	3/4	99,435	3/4	84,691
2	2	218,721	2	204,405	2	190,203	2	175,226	2	160,005	2	144,784	2	129,564	2	114,343	2	99,118	2	84,466
1/4	1/4	218,455	1/4	204,118	1/4	189,899	1/4	174,909	1/4	159,688	1/4	144,467	1/4	129,247	1/4	114,026	1/4	98,801	1/4	84,241
1/2	1/2	218,148	1/2	203,830	1/2	189,594	1/2	174,591	1/2	159,371	1/2	144,150	1/2	128,929	1/2	113,709	1/2	98,484	1/2	84,016
3/4	3/4	217,841	3/4	203,542	3/4	189,288	3/4	174,274	3/4	159,054	3/4	143,833	3/4	128,612	3/4	113,392	3/4	98,166	3/4	83,791
3	3	217,533	3	203,254	3	188,983	3	173,957	3	158,737	3	143,516	3	128,295	3	113,075	3	97,849	3	83,566
1/4	1/4	217,226	1/4	202,966	1/4	188,678	1/4	173,640	1/4	158,419	1/4	143,199	1/4	127,978	1/4	112,757	1/4	97,532	1/4	83,341
1/2	1/2	216,913	1/2	202,676	1/2	188,371	1/2	173,323	1/2	158,102	1/2	142,882	1/2	127,661	1/2	112,440	1/2	97,215	1/2	83,116
3/4	3/4	216,600	3/4	202,387	3/4	188,064	3/4	173,006	3/4	157,785	3/4	142,565	3/4	127,344	3/4	112,123	3/4	96,898	3/4	82,891
4	4	216,287	4	202,097	4	187,758	4	172,689	4	157,468	4	142,248	4	127,027	4	111,806	4	96,580	4	82,666
1/4	1/4	215,974	1/4	201,808	1/4	187,451	1/4	172,372	1/4	157,151	1/4	141,930	1/4	126,710	1/4	111,489	1/4	96,263	1/4	82,441
1/2	1/2	215,661	1/2	201,517	1/2	187,143	1/2	172,055	1/2	156,834	1/2	141,613	1/2	126,393	1/2	111,172	1/2	95,946	1/2	82,216
3/4	3/4	215,349	3/4	201,226	3/4	186,835	3/4	171,738	3/4	156,517	3/4	141,296	3/4	126,076	3/4	110,855	3/4	95,629	3/4	81,991
5	5	215,036	5	200,935	5	186,527	5	171,420	5	156,200	5	140,979	5	125,758	5	110,538	5	95,312	5	81,766
1/4	1/4	214,723	1/4	200,644	1/4	186,219	1/4	171,103	1/4	155,883	1/4	140,662	1/4	125,441	1/4	110,220	1/4	94,994	1/4	81,541
1/2	1/2	214,410	1/2	200,352	1/2	185,909	1/2	170,786	1/2	155,566	1/2	140,345	1/2	125,124	1/2	109,903	1/2	94,677	1/2	81,316
3/4	3/4	214,097	3/4	200,060	3/4	185,600	3/4	170,469	3/4	155,249	3/4	140,028	3/4	124,807	3/4	109,586	3/4	94,360	3/4	81,091
6	6	213,784	6	199,768	6	185,290	6	170,152	6	154,931	6	139,711	6	124,490	6	109,269	6	94,043	6	80,866
1/4	1/4	213,471	1/4	199,476	1/4	184,980	1/4	169,835	1/4	154,614	1/4	139,394	1/4	124,173	1/4	108,952	1/4	93,725	1/4	80,641
1/2	1/2	213,158	1/2	199,182	1/2	184,670	1/2	169,518	1/2	154,297	1/2	139,077	1/2	123,856	1/2	108,634	1/2	93,408	1/2	80,416
3/4	3/4	212,845	3/4	198,888	3/4	184,359	3/4	169,201	3/4	153,980	3/4	138,759	3/4	123,539	3/4	108,317	3/4	93,091	3/4	80,191
7	7	212,532	7	198,595	7	184,048	7	168,884	7	153,663	7	138,442	7	123,222	7	108,000	7	92,774	7	79,966
1/4	1/4	212,219	1/4	198,301	1/4	183,737	1/4	168,567	1/4	153,346	1/4	138,125	1/4	122,905	1/4	107,683	1/4	92,457	1/4	79,741
1/2	1/2	211,908	1/2	198,005	1/2	183,425	1/2	168,250	1/2	153,029	1/2	137,808	1/2	122,587	1/2	107,366	1/2	92,139	1/2	79,516
3/4	3/4	211,597	3/4	197,709	3/4	183,113	3/4	167,932	3/4	152,712	3/4	137,491	3/4	122,270	3/4	107,048	3/4	91,822	3/4	79,291
8	8	211,287	8	197,413	8	182,801	8	167,615	8	152,395	8	137,174	8	121,953	8	106,731	8	91,505	8	79,066
1/4	1/4	210,976	1/4	197,117	1/4	182,489	1/4	167,298	1/4	152,078	1/4	136,857	1/4	121,636	1/4	106,414	1/4	91,188	1/4	78,841
1/2	1/2	210,682	1/2	196,819	1/2	182,176	1/2	166,981	1/2	151,760	1/2	136,540	1/2	121,319	1/2	106,097	1/2	90,871	1/2	78,616
3/4	3/4	210,389	3/4	196,522	3/4	181,863	3/4	166,664	3/4	151,443	3/4	136,223	3/4	121,002	3/4	105,779	3/4	90,553	3/4	78,391
9	9	210,095	9	196,224	9	181,549	9	166,347	9	151,126	9	135,906	9	120,685	9	105,462	9	90,236	9	78,166
1/4	1/4	209,802	1/4	195,927	1/4	181,236	1/4	166,030	1/4	150,809	1/4	135,588	1/4	120,368	1/4	105,145	1/4	89,919	1/4	77,941
1/2	1/2	209,520	1/2	195,628	1/2	180,921	1/2	165,713	1/2	150,492	1/2	135,271	1/2	120,051	1/2	104,828	1/2	89,602	1/2	77,716
3/4	3/4	209,239	3/4	195,329	3/4	180,606	3/4	165,396	3/4	150,175	3/4	134,954	3/4	119,734	3/4	104,511	3/4	89,285	3/4	77,491
10	10	208,957	10	195,031	10	180,292	10	165,079	10	149,858	10	134,637	10	119,417	10	104,193	10	88,967	10	77,266
1/4	1/4	208,676	1/4	194,732	1/4	179,977	1/4	164,761	1/4	149,541	1/4	134,320	1/4	119,099	1/4	103,876	1/4	88,650	1/4	77,041
1/2	1/2	208,393	1/2	194,432	1/2	179,661	1/2	164,444	1/2	149,224	1/2	134,003	1/2	118,782	1/2	103,559	1/2	88,333	1/2	76,816
3/4	3/4	208,110	3/4	194,132	3/4	179,345	3/4	164,127	3/4	148,907	3/4	133,686	3/4	118,465	3/4	103,242	3/4	88,016	3/4	76,591
11	11	207,827	11	193,832	11	179,029	11	163,810	11	148,589	11	133,369	11	118,148	11	102,925	11	87,698	11	76,366
1/4	1/4	207,544	1/4	193,532	1/4	178,712	1/4	163,493	1/4	148,272	1/4	133,052	1/4	117,831	1/4	102,607	1/4	87,381	1/4	76,141
1/2	1/2	207,260	1/2	193,231	1/2	178,396	1/2	163,176	1/2	147,955	1/2	132,735	1/2	117,514	1/2	102,290	1/2	87,064	1/2	75,916
3/4	3/4	206,975	3/4	192,929	3/4	178,079	3/4	162,859	3/4	147,638	3/4	132,418	3/4	117,197	3/4	101,973	3/4	86,747	3/4	75,691

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'-06" OFF CENTERLINE AND 42'-03" 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 397"

2 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	86,430	0	71,203	0	55,977	0	40,770	0	25,546	0	10,321	0		0		0		0	
1/4	86,112	1/4	70,886	1/4	55,660	1/4	40,453	1/4	25,229	1/4	10,003	1/4		1/4		1/4		1/4	
1/2	85,795	1/2	70,569	1/2	55,343	1/2	40,136	1/2	24,912	1/2	9,686	1/2		1/2		1/2		1/2	
3/4	85,478	3/4	70,252	3/4	55,026	3/4	39,819	3/4	24,595	3/4	9,369	3/4		3/4		3/4		3/4	
1	85,161	1	69,935	1	54,709	1	39,502	1	24,277	1	9,052	1		1		1		1	
1/4	84,844	1/4	69,617	1/4	54,391	1/4	39,186	1/4	23,960	1/4	8,735	1/4		1/4		1/4		1/4	
1/2	84,526	1/2	69,300	1/2	54,074	1/2	38,869	1/2	23,643	1/2	8,417	1/2		1/2		1/2		1/2	
3/4	84,209	3/4	68,983	3/4	53,757	3/4	38,551	3/4	23,326	3/4	8,099	3/4		3/4		3/4		3/4	
2	83,892	2	68,666	2	53,440	2	38,234	2	23,009	2	7,781	2		2		2		2	
1/4	83,575	1/4	68,349	1/4	53,122	1/4	37,917	1/4	22,691	1/4	7,466	1/4		1/4		1/4		1/4	
1/2	83,258	1/2	68,031	1/2	52,805	1/2	37,600	1/2	22,374	1/2	7,149	1/2		1/2		1/2		1/2	
3/4	82,940	3/4	67,714	3/4	52,488	3/4	37,283	3/4	22,057	3/4	6,831	3/4		3/4		3/4		3/4	
3	82,623	3	67,397	3	52,171	3	36,965	3	21,740	3	6,514	3		3		3		3	
1/4	82,306	1/4	67,080	1/4	51,854	1/4	36,648	1/4	21,423	1/4	6,197	1/4		1/4		1/4		1/4	
1/2	81,989	1/2	66,763	1/2	51,537	1/2	36,331	1/2	21,105	1/2	5,880	1/2		1/2		1/2		1/2	
3/4	81,671	3/4	66,445	3/4	51,221	3/4	36,014	3/4	20,788	3/4	5,563	3/4		3/4		3/4		3/4	
4	81,354	4	66,128	4	50,904	4	35,697	4	20,471	4	5,245	4		4		4		4	
1/4	81,037	1/4	65,811	1/4	50,587	1/4	35,379	1/4	20,154	1/4	4,928	1/4		1/4		1/4		1/4	
1/2	80,720	1/2	65,494	1/2	50,270	1/2	35,062	1/2	19,837	1/2	4,611	1/2		1/2		1/2		1/2	
3/4	80,403	3/4	65,176	3/4	49,954	3/4	34,745	3/4	19,519	3/4	4,300	3/4		3/4		3/4		3/4	
5	80,085	5	64,859	5	49,637	5	34,428	5	19,202	5	3,987	5		5		5		5	
1/4	79,768	1/4	64,542	1/4	49,320	1/4	34,111	1/4	18,885	1/4	3,673	1/4		1/4		1/4		1/4	
1/2	79,451	1/2	64,225	1/2	49,004	1/2	33,793	1/2	18,569	1/2	3,389	1/2		1/2		1/2		1/2	
3/4	79,134	3/4	63,908	3/4	48,687	3/4	33,476	3/4	18,252	3/4	3,104	3/4		3/4		3/4		3/4	
6	78,817	6	63,590	6	48,370	6	33,159	6	17,936	6	2,820	6		6		6		6	
1/4	78,499	1/4	63,273	1/4	48,054	1/4	32,842	1/4	17,616	1/4	2,536	1/4		1/4		1/4		1/4	
1/2	78,182	1/2	62,956	1/2	47,737	1/2	32,525	1/2	17,299	1/2	2,305	1/2		1/2		1/2		1/2	
3/4	77,865	3/4	62,639	3/4	47,420	3/4	32,207	3/4	16,982	3/4	2,074	3/4		3/4		3/4		3/4	
7	77,548	7	62,322	7	47,103	7	31,890	7	16,665	7	1,842	7		7		7		7	
1/4	77,230	1/4	62,004	1/4	46,787	1/4	31,573	1/4	16,347	1/4	1,611	1/4		1/4		1/4		1/4	
1/2	76,913	1/2	61,687	1/2	46,470	1/2	31,256	1/2	16,030	1/2	1,433	1/2		1/2		1/2		1/2	
3/4	76,596	3/4	61,370	3/4	46,153	3/4	30,939	3/4	15,713	3/4	1,254	3/4		3/4		3/4		3/4	
8	76,279	8	61,053	8	45,837	8	30,621	8	15,396	8	1,076	8		8		8		8	
1/4	75,962	1/4	60,736	1/4	45,520	1/4	30,304	1/4	15,079	1/4	898	1/4		1/4		1/4		1/4	
1/2	75,644	1/2	60,418	1/2	45,203	1/2	29,987	1/2	14,761	1/2		1/2		1/2		1/2		1/2	
3/4	75,327	3/4	60,101	3/4	44,887	3/4	29,670	3/4	14,444	3/4		3/4		3/4		3/4		3/4	
9	75,010	9	59,784	9	44,570	9	29,353	9	14,127	9		9		9		9		9	
1/4	74,693	1/4	59,467	1/4	44,253	1/4	29,035	1/4	13,810	1/4		1/4		1/4		1/4		1/4	
1/2	74,376	1/2	59,149	1/2	43,936	1/2	28,718	1/2	13,493	1/2		1/2		1/2		1/2		1/2	
3/4	74,058	3/4	58,832	3/4	43,620	3/4	28,401	3/4	13,175	3/4		3/4		3/4		3/4		3/4	
10	73,741	10	58,515	10	43,303	10	28,084	10	12,858	10		10		10		10		10	
1/4	73,424	1/4	58,198	1/4	42,986	1/4	27,767	1/4	12,541	1/4		1/4		1/4		1/4		1/4	
1/2	73,107	1/2	57,881	1/2	42,670	1/2	27,449	1/2	12,224	1/2		1/2		1/2		1/2		1/2	
3/4	72,790	3/4	57,563	3/4	42,353	3/4	27,132	3/4	11,907	3/4		3/4		3/4		3/4		3/4	
11	72,472	11	57,246	11	42,036	11	26,815	11	11,589	11		11		11		11		11	
1/4	72,155	1/4	56,929	1/4	41,720	1/4	26,498	1/4	11,272	1/4		1/4		1/4		1/4		1/4	
1/2	71,838	1/2	56,612	1/2	41,403	1/2	26,181	1/2	10,955	1/2		1/2		1/2		1/2		1/2	
3/4	71,521	3/4	56,295	3/4	41,086	3/4	25,863	3/4	10,638	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

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	207,294	0	193,221	0	178,341	0	163,092	0	147,842	0	132,592	0	117,343	0	102,090
1/4	1/4	1/4	1/4	1/4	207,009	1/4	192,919	1/4	178,024	1/4	162,774	1/4	147,524	1/4	132,275	1/4	117,025	1/4	101,772
1/2	1/2	1/2	1/2	1/2	220,722	1/2	206,724	1/2	192,617	1/2	177,706	1/2	162,456	1/2	147,207	1/2	131,957	1/2	116,707
3/4	3/4	3/4	3/4	3/4	220,507	3/4	206,438	3/4	192,313	3/4	177,389	3/4	162,139	3/4	146,889	3/4	131,639	3/4	116,390
1	1	1	1	1	220,291	1	206,152	1	192,010	1	177,071	1	161,821	1	146,571	1	131,322	1	116,072
1/4	1/4	1/4	1/4	1/4	220,076	1/4	205,866	1/4	191,707	1/4	176,753	1/4	161,503	1/4	146,254	1/4	131,004	1/4	115,754
1/2	1/2	1/2	1/2	1/2	219,861	1/2	205,580	1/2	191,404	1/2	176,435	1/2	161,186	1/2	145,936	1/2	130,686	1/2	115,437
3/4	3/4	3/4	3/4	3/4	219,594	3/4	205,293	3/4	191,099	3/4	176,118	3/4	160,868	3/4	145,618	3/4	130,369	3/4	115,119
2	2	2	2	2	219,328	2	205,005	2	190,794	2	175,800	2	160,550	2	145,301	2	130,051	2	114,801
1/4	1/4	1/4	1/4	1/4	219,062	1/4	204,718	1/4	190,489	1/4	175,482	1/4	160,233	1/4	144,983	1/4	129,733	1/4	114,483
1/2	1/2	1/2	1/2	1/2	218,795	1/2	204,431	1/2	190,185	1/2	175,165	1/2	159,915	1/2	144,665	1/2	129,415	1/2	114,166
3/4	3/4	3/4	3/4	3/4	218,488	3/4	204,142	3/4	189,879	3/4	174,847	3/4	159,597	3/4	144,347	3/4	129,098	3/4	113,848
3	3	3	3	3	218,180	3	203,853	3	189,573	3	174,529	3	159,279	3	144,030	3	128,780	3	113,530
1/4	1/4	1/4	1/4	1/4	217,872	1/4	203,565	1/4	189,267	1/4	174,211	1/4	158,962	1/4	143,712	1/4	128,462	1/4	113,213
1/2	1/2	1/2	1/2	1/2	217,565	1/2	203,276	1/2	188,961	1/2	173,894	1/2	158,644	1/2	143,394	1/2	128,145	1/2	112,895
3/4	3/4	3/4	3/4	3/4	217,251	3/4	202,986	3/4	188,653	3/4	173,576	3/4	158,326	3/4	143,077	3/4	127,827	3/4	112,577
4	4	4	4	4	216,937	4	202,696	4	188,346	4	173,258	4	158,009	4	142,759	4	127,509	4	112,259
1/4	1/4	1/4	1/4	1/4	216,624	1/4	202,406	1/4	188,039	1/4	172,941	1/4	157,691	1/4	142,441	1/4	127,192	1/4	111,942
1/2	1/2	1/2	1/2	1/2	216,310	1/2	202,116	1/2	187,732	1/2	172,623	1/2	157,373	1/2	142,124	1/2	126,874	1/2	111,624
3/4	3/4	3/4	3/4	3/4	215,997	3/4	201,825	3/4	187,423	3/4	172,305	3/4	157,056	3/4	141,806	3/4	126,556	3/4	111,306
5	5	5	5	5	215,683	5	201,533	5	187,114	5	171,988	5	156,738	5	141,488	5	126,238	5	110,989
1/4	1/4	1/4	1/4	1/4	215,370	1/4	201,242	1/4	186,806	1/4	171,670	1/4	156,420	1/4	141,170	1/4	125,921	1/4	110,671
1/2	1/2	1/2	1/2	1/2	215,056	1/2	200,950	1/2	186,497	1/2	171,352	1/2	156,102	1/2	140,853	1/2	125,603	1/2	110,353
3/4	3/4	3/4	3/4	3/4	214,742	3/4	200,658	3/4	186,187	3/4	171,034	3/4	155,785	3/4	140,535	3/4	125,285	3/4	110,035
6	6	6	6	6	214,429	6	200,365	6	185,877	6	170,717	6	155,467	6	140,217	6	124,968	6	109,718
1/4	1/4	1/4	1/4	1/4	214,115	1/4	200,072	1/4	185,567	1/4	170,399	1/4	155,149	1/4	139,900	1/4	124,650	1/4	109,400
1/2	1/2	1/2	1/2	1/2	213,802	1/2	199,779	1/2	185,256	1/2	170,081	1/2	154,832	1/2	139,582	1/2	124,332	1/2	109,082
3/4	3/4	3/4	3/4	3/4	213,488	3/4	199,485	3/4	184,945	3/4	169,764	3/4	154,514	3/4	139,264	3/4	124,014	3/4	108,764
7	7	7	7	7	213,175	7	199,191	7	184,634	7	169,446	7	154,196	7	138,947	7	123,697	7	108,446
1/4	1/4	1/4	1/4	1/4	212,861	1/4	198,897	1/4	184,322	1/4	169,128	1/4	153,879	1/4	138,629	1/4	123,379	1/4	108,128
1/2	1/2	1/2	1/2	1/2	212,547	1/2	198,603	1/2	184,011	1/2	168,811	1/2	153,561	1/2	138,311	1/2	123,061	1/2	107,811
3/4	3/4	3/4	3/4	3/4	212,236	3/4	198,306	3/4	183,698	3/4	168,493	3/4	153,243	3/4	137,993	3/4	122,744	3/4	107,493
8	8	8	8	8	211,925	8	198,009	8	183,386	8	168,175	8	152,925	8	137,676	8	122,426	8	107,175
1/4	1/4	1/4	1/4	1/4	211,613	1/4	197,713	1/4	183,073	1/4	167,857	1/4	152,608	1/4	137,358	1/4	122,108	1/4	106,857
1/2	1/2	1/2	1/2	1/2	211,302	1/2	197,416	1/2	182,760	1/2	167,540	1/2	152,290	1/2	137,040	1/2	121,791	1/2	106,539
3/4	3/4	3/4	3/4	3/4	211,008	3/4	197,118	3/4	182,446	3/4	167,222	3/4	151,972	3/4	136,723	3/4	121,473	3/4	106,222
9	9	9	9	9	210,714	9	196,820	9	182,133	9	166,904	9	151,655	9	136,405	9	121,155	9	105,904
1/4	1/4	1/4	1/4	1/4	210,420	1/4	196,522	1/4	181,819	1/4	166,587	1/4	151,337	1/4	136,087	1/4	120,837	1/4	105,586
1/2	1/2	1/2	1/2	1/2	210,125	1/2	196,224	1/2	181,505	1/2	166,269	1/2	151,019	1/2	135,769	1/2	120,520	1/2	105,268
3/4	3/4	3/4	3/4	3/4	209,843	3/4	195,925	3/4	181,189	3/4	165,951	3/4	150,701	3/4	135,452	3/4	120,202	3/4	104,950
10	10	10	10	10	209,561	10	195,625	10	180,874	10	165,634	10	150,384	10	135,134	10	119,884	10	104,632
1/4	1/4	1/4	1/4	1/4	209,279	1/4	195,326	1/4	180,559	1/4	165,316	1/4	150,066	1/4	134,816	1/4	119,567	1/4	104,315
1/2	1/2	1/2	1/2	1/2	208,997	1/2	195,027	1/2	180,243	1/2	164,998	1/2	149,748	1/2	134,499	1/2	119,249	1/2	103,997
3/4	3/4	3/4	3/4	3/4	208,714	3/4	194,726	3/4	179,927	3/4	164,680	3/4	149,431	3/4	134,181	3/4	118,931	3/4	103,679
11	11	11	11	11	208,430	11	194,425	11	179,610	11	164,363	11	149,113	11	133,863	11	118,614	11	103,361
1/4	1/4	1/4	1/4	1/4	208,147	1/4	194,125	1/4	179,293	1/4	164,045	1/4	148,795	1/4	133,546	1/4	118,296	1/4	103,043
1/2	1/2	1/2	1/2	1/2	207,863	1/2	193,824	1/2	178,976	1/2	163,727	1/2	148,478	1/2	133,228	1/2	117,978	1/2	102,726
3/4	3/4	3/4	3/4	3/4	207,578	3/4	193,522	3/4	178,659	3/4	163,410	3/4	148,160	3/4	132,910	3/4	117,661	3/4	102,408

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 397"

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	86,835	0	71,579	0	56,324	0	41,150	0	25,914	0	10,659	0		0		0		0	
1/4	86,517	1/4	71,261	1/4	56,006	1/4	40,834	1/4	25,596	1/4	10,341	1/4		1/4		1/4		1/4	
1/2	86,199	1/2	70,944	1/2	55,688	1/2	40,519	1/2	25,278	1/2	10,023	1/2		1/2		1/2		1/2	
3/4	85,881	3/4	70,626	3/4	55,370	3/4	40,203	3/4	24,960	3/4	9,706	3/4		3/4		3/4		3/4	
1	85,563	1	70,308	1	55,052	1	39,887	1	24,643	1	9,388	1		1		1		1	
1/4	85,245	1/4	69,990	1/4	54,735	1/4	39,572	1/4	24,325	1/4	9,070	1/4		1/4		1/4		1/4	
1/2	84,928	1/2	69,672	1/2	54,417	1/2	39,256	1/2	24,007	1/2	8,752	1/2		1/2		1/2		1/2	
3/4	84,610	3/4	69,354	3/4	54,099	3/4	38,940	3/4	23,689	3/4	8,434	3/4		3/4		3/4		3/4	
2	84,292	2	69,037	2	53,782	2	38,623	2	23,371	2	8,115	2		2		2		2	
1/4	83,974	1/4	68,719	1/4	53,464	1/4	38,307	1/4	23,054	1/4	7,797	1/4		1/4		1/4		1/4	
1/2	83,656	1/2	68,401	1/2	53,146	1/2	37,991	1/2	22,736	1/2	7,481	1/2		1/2		1/2		1/2	
3/4	83,338	3/4	68,083	3/4	52,830	3/4	37,673	3/4	22,418	3/4	7,163	3/4		3/4		3/4		3/4	
3	83,021	3	67,765	3	52,514	3	37,355	3	22,100	3	6,845	3		3		3		3	
1/4	82,703	1/4	67,447	1/4	52,198	1/4	37,037	1/4	21,782	1/4	6,528	1/4		1/4		1/4		1/4	
1/2	82,385	1/2	67,130	1/2	51,882	1/2	36,719	1/2	21,465	1/2	6,210	1/2		1/2		1/2		1/2	
3/4	82,067	3/4	66,812	3/4	51,566	3/4	36,402	3/4	21,147	3/4	5,892	3/4		3/4		3/4		3/4	
4	81,749	4	66,494	4	51,251	4	36,084	4	20,829	4	5,574	4		4		4		4	
1/4	81,432	1/4	66,176	1/4	50,935	1/4	35,766	1/4	20,511	1/4	5,256	1/4		1/4		1/4		1/4	
1/2	81,114	1/2	65,858	1/2	50,619	1/2	35,448	1/2	20,193	1/2	4,939	1/2		1/2		1/2		1/2	
3/4	80,796	3/4	65,541	3/4	50,304	3/4	35,130	3/4	19,876	3/4	4,624	3/4		3/4		3/4		3/4	
5	80,478	5	65,223	5	49,988	5	34,812	5	19,558	5	4,310	5		5		5		5	
1/4	80,160	1/4	64,905	1/4	49,672	1/4	34,495	1/4	19,240	1/4	3,995	1/4		1/4		1/4		1/4	
1/2	79,842	1/2	64,587	1/2	49,357	1/2	34,177	1/2	18,922	1/2	3,681	1/2		1/2		1/2		1/2	
3/4	79,525	3/4	64,269	3/4	49,041	3/4	33,859	3/4	18,605	3/4	3,396	3/4		3/4		3/4		3/4	
6	79,207	6	63,951	6	48,726	6	33,541	6	18,288	6	3,111	6		6		6		6	
1/4	78,889	1/4	63,634	1/4	48,410	1/4	33,223	1/4	17,971	1/4	2,827	1/4		1/4		1/4		1/4	
1/2	78,571	1/2	63,316	1/2	48,094	1/2	32,906	1/2	17,651	1/2	2,542	1/2		1/2		1/2		1/2	
3/4	78,253	3/4	62,998	3/4	47,779	3/4	32,588	3/4	17,333	3/4	2,310	3/4		3/4		3/4		3/4	
7	77,936	7	62,680	7	47,463	7	32,270	7	17,015	7	2,078	7		7		7		7	
1/4	77,618	1/4	62,362	1/4	47,147	1/4	31,952	1/4	16,697	1/4	1,847	1/4		1/4		1/4		1/4	
1/2	77,300	1/2	62,045	1/2	46,832	1/2	31,634	1/2	16,380	1/2	1,615	1/2		1/2		1/2		1/2	
3/4	76,982	3/4	61,727	3/4	46,516	3/4	31,317	3/4	16,062	3/4	1,436	3/4		3/4		3/4		3/4	
8	76,664	8	61,409	8	46,200	8	30,999	8	15,744	8	1,257	8		8		8		8	
1/4	76,346	1/4	61,091	1/4	45,885	1/4	30,681	1/4	15,426	1/4	1,079	1/4		1/4		1/4		1/4	
1/2	76,029	1/2	60,773	1/2	45,569	1/2	30,363	1/2	15,108	1/2	900	1/2		1/2		1/2		1/2	
3/4	75,711	3/4	60,455	3/4	45,253	3/4	30,045	3/4	14,791	3/4		3/4		3/4		3/4		3/4	
9	75,393	9	60,138	9	44,938	9	29,728	9	14,473	9		9		9		9		9	
1/4	75,075	1/4	59,820	1/4	44,622	1/4	29,410	1/4	14,155	1/4		1/4		1/4		1/4		1/4	
1/2	74,757	1/2	59,502	1/2	44,307	1/2	29,092	1/2	13,837	1/2		1/2		1/2		1/2		1/2	
3/4	74,440	3/4	59,184	3/4	43,991	3/4	28,774	3/4	13,519	3/4		3/4		3/4		3/4		3/4	
10	74,122	10	58,866	10	43,675	10	28,456	10	13,202	10		10		10		10		10	
1/4	73,804	1/4	58,549	1/4	43,360	1/4	28,139	1/4	12,884	1/4		1/4		1/4		1/4		1/4	
1/2	73,486	1/2	58,231	1/2	43,044	1/2	27,821	1/2	12,566	1/2		1/2		1/2		1/2		1/2	
3/4	73,168	3/4	57,913	3/4	42,728	3/4	27,503	3/4	12,248	3/4		3/4		3/4		3/4		3/4	
11	72,850	11	57,595	11	42,413	11	27,185	11	11,930	11		11		11		11		11	
1/4	72,533	1/4	57,277	1/4	42,097	1/4	26,867	1/4	11,613	1/4		1/4		1/4		1/4		1/4	
1/2	72,215	1/2	56,959	1/2	41,781	1/2	26,549	1/2	11,295	1/2		1/2		1/2		1/2		1/2	
3/4	71,897	3/4	56,642	3/4	41,466	3/4	26,232	3/4	10,977	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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



BARGE "CBC 397"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 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	220,888	0	206,800	0	192,656	0	177,710	0	162,440	0	147,169	0	131,899	0	116,628	0	101,354	
1/4	1/4	220,673	1/4	206,514	1/4	192,352	1/4	177,392	1/4	162,122	1/4	146,851	1/4	131,580	1/4	116,310	1/4	101,036	
1/2	1/2	220,457	1/2	206,227	1/2	192,048	1/2	177,074	1/2	161,803	1/2	146,533	1/2	131,262	1/2	115,992	1/2	100,717	
3/4	3/4	220,242	3/4	205,941	3/4	191,745	3/4	176,756	3/4	161,485	3/4	146,215	3/4	130,944	3/4	115,674	3/4	100,399	
1	1	219,975	1	205,653	1	191,439	1	176,438	1	161,167	1	145,897	1	130,626	1	115,356	1	100,081	
1/4	1/4	219,708	1/4	205,365	1/4	191,134	1/4	176,120	1/4	160,849	1/4	145,579	1/4	130,308	1/4	115,037	1/4	99,763	
1/2	1/2	219,441	1/2	205,077	1/2	190,829	1/2	175,802	1/2	160,531	1/2	145,260	1/2	129,990	1/2	114,719	1/2	99,444	
3/4	3/4	219,175	3/4	204,790	3/4	190,524	3/4	175,483	3/4	160,213	3/4	144,942	3/4	129,672	3/4	114,401	3/4	99,126	
2	2	218,866	2	204,501	2	190,218	2	175,165	2	159,895	2	144,624	2	129,354	2	114,083	2	98,808	
1/4	1/4	218,558	1/4	204,212	1/4	189,911	1/4	174,847	1/4	159,577	1/4	144,306	1/4	129,035	1/4	113,765	1/4	98,490	
1/2	1/2	218,250	1/2	203,923	1/2	189,605	1/2	174,529	1/2	159,258	1/2	143,988	1/2	128,717	1/2	113,447	1/2	98,171	
3/4	3/4	217,942	3/4	203,634	3/4	189,298	3/4	174,211	3/4	158,940	3/4	143,670	3/4	128,399	3/4	113,129	3/4	97,853	
3	3	217,628	3	203,343	3	188,991	3	173,893	3	158,622	3	143,352	3	128,081	3	112,810	3	97,535	
1/4	1/4	217,314	1/4	203,053	1/4	188,683	1/4	173,575	1/4	158,304	1/4	143,033	1/4	127,763	1/4	112,492	1/4	97,217	
1/2	1/2	217,000	1/2	202,762	1/2	188,375	1/2	173,256	1/2	157,986	1/2	142,715	1/2	127,445	1/2	112,174	1/2	96,898	
3/4	3/4	216,686	3/4	202,472	3/4	188,068	3/4	172,938	3/4	157,668	3/4	142,397	3/4	127,127	3/4	111,856	3/4	96,580	
4	4	216,372	4	202,180	4	187,759	4	172,620	4	157,350	4	142,079	4	126,808	4	111,538	4	96,262	
1/4	1/4	216,058	1/4	201,888	1/4	187,449	1/4	172,302	1/4	157,031	1/4	141,761	1/4	126,490	1/4	111,220	1/4	95,944	
1/2	1/2	215,744	1/2	201,596	1/2	187,140	1/2	171,984	1/2	156,713	1/2	141,443	1/2	126,172	1/2	110,902	1/2	95,625	
3/4	3/4	215,430	3/4	201,305	3/4	186,831	3/4	171,666	3/4	156,395	3/4	141,125	3/4	125,854	3/4	110,583	3/4	95,307	
5	5	215,116	5	201,011	5	186,521	5	171,348	5	156,077	5	140,806	5	125,536	5	110,265	5	94,989	
1/4	1/4	214,802	1/4	200,718	1/4	186,210	1/4	171,029	1/4	155,759	1/4	140,488	1/4	125,218	1/4	109,947	1/4	94,671	
1/2	1/2	214,488	1/2	200,425	1/2	185,900	1/2	170,711	1/2	155,441	1/2	140,170	1/2	124,900	1/2	109,629	1/2	94,352	
3/4	3/4	214,174	3/4	200,132	3/4	185,589	3/4	170,393	3/4	155,123	3/4	139,852	3/4	124,581	3/4	109,310	3/4	94,034	
6	6	213,860	6	199,837	6	185,277	6	170,075	6	154,804	6	139,534	6	124,263	6	108,992	6	93,716	
1/4	1/4	213,546	1/4	199,543	1/4	184,965	1/4	169,757	1/4	154,486	1/4	139,216	1/4	123,945	1/4	108,674	1/4	93,398	
1/2	1/2	213,232	1/2	199,248	1/2	184,654	1/2	169,439	1/2	154,168	1/2	138,898	1/2	123,627	1/2	108,356	1/2	93,079	
3/4	3/4	212,918	3/4	198,954	3/4	184,342	3/4	169,121	3/4	153,850	3/4	138,579	3/4	123,309	3/4	108,037	3/4	92,761	
7	7	212,606	7	198,657	7	184,029	7	168,802	7	153,532	7	138,261	7	122,991	7	107,719	7	92,443	
1/4	1/4	212,294	1/4	198,360	1/4	183,716	1/4	168,484	1/4	153,214	1/4	137,943	1/4	122,673	1/4	107,401	1/4	92,125	
1/2	1/2	211,982	1/2	198,063	1/2	183,403	1/2	168,166	1/2	152,896	1/2	137,625	1/2	122,355	1/2	107,083	1/2	91,806	
3/4	3/4	211,671	3/4	197,766	3/4	183,090	3/4	167,848	3/4	152,578	3/4	137,307	3/4	122,036	3/4	106,764	3/4	91,488	
8	8	211,376	8	197,467	8	182,775	8	167,530	8	152,259	8	136,989	8	121,718	8	106,446	8	91,170	
1/4	1/4	211,082	1/4	197,169	1/4	182,461	1/4	167,212	1/4	151,941	1/4	136,671	1/4	121,400	1/4	106,128	1/4	90,852	
1/2	1/2	210,787	1/2	196,870	1/2	182,147	1/2	166,894	1/2	151,623	1/2	136,353	1/2	121,082	1/2	105,810	1/2	90,533	
3/4	3/4	210,492	3/4	196,572	3/4	181,832	3/4	166,576	3/4	151,305	3/4	136,034	3/4	120,764	3/4	105,491	3/4	90,215	
9	9	210,210	9	196,272	9	181,516	9	166,257	9	150,987	9	135,716	9	120,446	9	105,173	9	89,897	
1/4	1/4	209,928	1/4	195,972	1/4	181,201	1/4	165,939	1/4	150,669	1/4	135,398	1/4	120,128	1/4	104,855	1/4	89,579	
1/2	1/2	209,645	1/2	195,672	1/2	180,885	1/2	165,621	1/2	150,351	1/2	135,080	1/2	119,809	1/2	104,537	1/2	89,260	
3/4	3/4	209,363	3/4	195,373	3/4	180,569	3/4	165,303	3/4	150,032	3/4	134,762	3/4	119,491	3/4	104,218	3/4	88,942	
10	10	209,079	10	195,072	10	180,252	10	164,985	10	149,714	10	134,444	10	119,173	10	103,900	10	88,624	
1/4	1/4	208,795	1/4	194,771	1/4	179,935	1/4	164,667	1/4	149,396	1/4	134,126	1/4	118,855	1/4	103,582	1/4	88,306	
1/2	1/2	208,511	1/2	194,470	1/2	179,618	1/2	164,349	1/2	149,078	1/2	133,807	1/2	118,537	1/2	103,264	1/2	87,987	
3/4	3/4	208,227	3/4	194,169	3/4	179,300	3/4	164,030	3/4	148,760	3/4	133,489	3/4	118,219	3/4	102,945	3/4	87,669	
11	11	207,942	11	193,866	11	178,982	11	163,712	11	148,442	11	133,171	11	117,901	11	102,627	11	87,351	
1/4	1/4	207,657	1/4	193,564	1/4	178,664	1/4	163,394	1/4	148,124	1/4	132,853	1/4	117,582	1/4	102,309	1/4	87,033	
1/2	1/2	207,372	1/2	193,262	1/2	178,346	1/2	163,076	1/2	147,805	1/2	132,535	1/2	117,264	1/2	101,991	1/2	86,714	
3/4	3/4	221,104	3/4	207,086	3/4	192,960	3/4	178,028	3/4	162,758	3/4	147,487	3/4	132,217	3/4	116,946	3/4	86,396	

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "CBC 397"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 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	86,078	0	70,802	0	55,525	0	40,268	0	24,994	0	9,718	0		0		0		0	
1/4	85,760	1/4	70,483	1/4	55,207	1/4	39,951	1/4	24,676	1/4	9,400	1/4		1/4		1/4		1/4	
1/2	85,441	1/2	70,165	1/2	54,889	1/2	39,633	1/2	24,358	1/2	9,082	1/2		1/2		1/2		1/2	
3/4	85,123	3/4	69,847	3/4	54,571	3/4	39,315	3/4	24,039	3/4	8,764	3/4		3/4		3/4		3/4	
1	84,805	1	69,529	1	54,252	1	38,997	1	23,721	1	8,445	1		1		1		1	
1/4	84,486	1/4	69,210	1/4	53,934	1/4	38,679	1/4	23,403	1/4	8,126	1/4		1/4		1/4		1/4	
1/2	84,168	1/2	68,892	1/2	53,616	1/2	38,360	1/2	23,085	1/2	7,807	1/2		1/2		1/2		1/2	
3/4	83,850	3/4	68,574	3/4	53,298	3/4	38,042	3/4	22,766	3/4	7,491	3/4		3/4		3/4		3/4	
2	83,532	2	68,255	2	52,979	2	37,724	2	22,448	2	7,173	2		2		2		2	
1/4	83,213	1/4	67,937	1/4	52,661	1/4	37,406	1/4	22,130	1/4	6,854	1/4		1/4		1/4		1/4	
1/2	82,895	1/2	67,619	1/2	52,343	1/2	37,087	1/2	21,812	1/2	6,536	1/2		1/2		1/2		1/2	
3/4	82,577	3/4	67,301	3/4	52,025	3/4	36,769	3/4	21,493	3/4	6,218	3/4		3/4		3/4		3/4	
3	82,259	3	66,982	3	51,707	3	36,451	3	21,175	3	5,900	3		3		3		3	
1/4	81,940	1/4	66,664	1/4	51,389	1/4	36,133	1/4	20,857	1/4	5,581	1/4		1/4		1/4		1/4	
1/2	81,622	1/2	66,346	1/2	51,072	1/2	35,814	1/2	20,539	1/2	5,263	1/2		1/2		1/2		1/2	
3/4	81,304	3/4	66,028	3/4	50,754	3/4	35,496	3/4	20,220	3/4	4,945	3/4		3/4		3/4		3/4	
4	80,986	4	65,709	4	50,436	4	35,178	4	19,902	4	4,630	4		4		4		4	
1/4	80,667	1/4	65,391	1/4	50,118	1/4	34,860	1/4	19,584	1/4	4,315	1/4		1/4		1/4		1/4	
1/2	80,349	1/2	65,073	1/2	49,801	1/2	34,541	1/2	19,266	1/2	4,000	1/2		1/2		1/2		1/2	
3/4	80,031	3/4	64,755	3/4	49,483	3/4	34,223	3/4	18,947	3/4	3,685	3/4		3/4		3/4		3/4	
5	79,713	5	64,436	5	49,165	5	33,905	5	18,630	5	3,400	5		5		5		5	
1/4	79,394	1/4	64,118	1/4	48,847	1/4	33,587	1/4	18,313	1/4	3,115	1/4		1/4		1/4		1/4	
1/2	79,076	1/2	63,800	1/2	48,530	1/2	33,268	1/2	17,995	1/2	2,830	1/2		1/2		1/2		1/2	
3/4	78,758	3/4	63,482	3/4	48,212	3/4	32,950	3/4	17,674	3/4	2,545	3/4		3/4		3/4		3/4	
6	78,440	6	63,163	6	47,894	6	32,632	6	17,356	6	2,313	6		6		6		6	
1/4	78,121	1/4	62,845	1/4	47,576	1/4	32,314	1/4	17,038	1/4	2,081	1/4		1/4		1/4		1/4	
1/2	77,803	1/2	62,527	1/2	47,259	1/2	31,995	1/2	16,720	1/2	1,849	1/2		1/2		1/2		1/2	
3/4	77,485	3/4	62,209	3/4	46,941	3/4	31,677	3/4	16,402	3/4	1,617	3/4		3/4		3/4		3/4	
7	77,167	7	61,890	7	46,623	7	31,359	7	16,083	7	1,438	7		7		7		7	
1/4	76,848	1/4	61,572	1/4	46,305	1/4	31,041	1/4	15,765	1/4	1,259	1/4		1/4		1/4		1/4	
1/2	76,530	1/2	61,254	1/2	45,988	1/2	30,722	1/2	15,447	1/2	1,080	1/2		1/2		1/2		1/2	
3/4	76,212	3/4	60,936	3/4	45,670	3/4	30,404	3/4	15,129	3/4	901	3/4		3/4		3/4		3/4	
8	75,894	8	60,617	8	45,352	8	30,086	8	14,810	8		8		8		8		8	
1/4	75,575	1/4	60,299	1/4	45,035	1/4	29,768	1/4	14,492	1/4		1/4		1/4		1/4		1/4	
1/2	75,257	1/2	59,981	1/2	44,717	1/2	29,449	1/2	14,174	1/2		1/2		1/2		1/2		1/2	
3/4	74,939	3/4	59,663	3/4	44,399	3/4	29,131	3/4	13,856	3/4		3/4		3/4		3/4		3/4	
9	74,621	9	59,344	9	44,081	9	28,813	9	13,537	9		9		9		9		9	
1/4	74,302	1/4	59,026	1/4	43,764	1/4	28,495	1/4	13,219	1/4		1/4		1/4		1/4		1/4	
1/2	73,984	1/2	58,708	1/2	43,446	1/2	28,177	1/2	12,901	1/2		1/2		1/2		1/2		1/2	
3/4	73,666	3/4	58,390	3/4	43,128	3/4	27,858	3/4	12,583	3/4		3/4		3/4		3/4		3/4	
10	73,348	10	58,071	10	42,810	10	27,540	10	12,264	10		10		10		10		10	
1/4	73,029	1/4	57,753	1/4	42,493	1/4	27,222	1/4	11,946	1/4		1/4		1/4		1/4		1/4	
1/2	72,711	1/2	57,435	1/2	42,175	1/2	26,904	1/2	11,628	1/2		1/2		1/2		1/2		1/2	
3/4	72,393	3/4	57,117	3/4	41,857	3/4	26,585	3/4	11,310	3/4		3/4		3/4		3/4		3/4	
11	72,075	11	56,798	11	41,539	11	26,267	11	10,991	11		11		11		11		11	
1/4	71,756	1/4	56,480	1/4	41,222	1/4	25,949	1/4	10,673	1/4		1/4		1/4		1/4		1/4	
1/2	71,438	1/2	56,162	1/2	40,904	1/2	25,631	1/2	10,355	1/2		1/2		1/2		1/2		1/2	
3/4	71,120	3/4	55,844	3/4	40,586	3/4	25,312	3/4	10,037	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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