



BARGE "CBC 396"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-03"

December 16, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 396"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	898	0	15,087	0	30,320	0	45,543	0	60,766	0	76,000	0	91,234	0	106,468	0	121,697	0	136,925
1/4	1,077	1/4	15,404	1/4	30,637	1/4	45,860	1/4	61,084	1/4	76,317	1/4	91,551	1/4	106,785	1/4	122,014	1/4	137,242
1/2	1,255	1/2	15,721	1/2	30,954	1/2	46,177	1/2	61,401	1/2	76,635	1/2	91,869	1/2	107,102	1/2	122,332	1/2	137,560
3/4	1,434	3/4	16,039	3/4	31,272	3/4	46,494	3/4	61,718	3/4	76,952	3/4	92,186	3/4	107,420	3/4	122,649	3/4	137,877
1	1,612	1	16,356	1	31,589	1	46,810	1	62,036	1	77,270	1	92,503	1	107,737	1	122,966	1	138,194
1/4	1,844	1/4	16,673	1/4	31,907	1/4	47,127	1/4	62,353	1/4	77,587	1/4	92,821	1/4	108,054	1/4	123,283	1/4	138,512
1/2	2,075	1/2	16,991	1/2	32,224	1/2	47,444	1/2	62,670	1/2	77,904	1/2	93,138	1/2	108,372	1/2	123,601	1/2	138,829
3/4	2,306	3/4	17,308	3/4	32,541	3/4	47,761	3/4	62,988	3/4	78,222	3/4	93,455	3/4	108,689	3/4	123,918	3/4	139,146
2	2,538	2	17,625	2	32,859	2	48,078	2	63,305	2	78,539	2	93,773	2	109,007	2	124,235	2	139,463
1/4	2,822	1/4	17,945	1/4	33,176	1/4	48,395	1/4	63,623	1/4	78,856	1/4	94,090	1/4	109,324	1/4	124,552	1/4	139,781
1/2	3,106	1/2	18,262	1/2	33,493	1/2	48,712	1/2	63,940	1/2	79,174	1/2	94,407	1/2	109,641	1/2	124,870	1/2	140,098
3/4	3,391	3/4	18,578	3/4	33,811	3/4	49,028	3/4	64,257	3/4	79,491	3/4	94,725	3/4	109,959	3/4	125,187	3/4	140,415
3	3,675	3	18,895	3	34,128	3	49,345	3	64,575	3	79,808	3	95,042	3	110,276	3	125,504	3	140,732
1/4	3,989	1/4	19,212	1/4	34,445	1/4	49,662	1/4	64,892	1/4	80,126	1/4	95,360	1/4	110,593	1/4	125,821	1/4	141,050
1/2	4,303	1/2	19,530	1/2	34,763	1/2	49,979	1/2	65,209	1/2	80,443	1/2	95,677	1/2	110,911	1/2	126,139	1/2	141,367
3/4	4,617	3/4	19,847	3/4	35,080	3/4	50,296	3/4	65,527	3/4	80,761	3/4	95,994	3/4	111,228	3/4	126,456	3/4	141,684
4	4,931	4	20,164	4	35,397	4	50,613	4	65,844	4	81,078	4	96,312	4	111,545	4	126,773	4	142,001
1/4	5,248	1/4	20,482	1/4	35,715	1/4	50,930	1/4	66,162	1/4	81,395	1/4	96,629	1/4	111,862	1/4	127,090	1/4	142,319
1/2	5,566	1/2	20,799	1/2	36,032	1/2	51,246	1/2	66,479	1/2	81,713	1/2	96,946	1/2	112,180	1/2	127,408	1/2	142,636
3/4	5,883	3/4	21,116	3/4	36,350	3/4	51,563	3/4	66,796	3/4	82,030	3/4	97,264	3/4	112,497	3/4	127,725	3/4	142,953
5	6,201	5	21,434	5	36,667	5	51,880	5	67,114	5	82,347	5	97,581	5	112,814	5	128,042	5	143,270
1/4	6,518	1/4	21,751	1/4	36,984	1/4	52,197	1/4	67,431	1/4	82,665	1/4	97,899	1/4	113,131	1/4	128,359	1/4	143,588
1/2	6,835	1/2	22,068	1/2	37,302	1/2	52,515	1/2	67,748	1/2	82,982	1/2	98,216	1/2	113,449	1/2	128,677	1/2	143,905
3/4	7,153	3/4	22,386	3/4	37,619	3/4	52,832	3/4	68,066	3/4	83,300	3/4	98,533	3/4	113,766	3/4	128,994	3/4	144,222
6	7,470	6	22,703	6	37,936	6	53,149	6	68,383	6	83,617	6	98,851	6	114,083	6	129,311	6	144,539
1/4	7,785	1/4	23,021	1/4	38,254	1/4	53,467	1/4	68,701	1/4	83,934	1/4	99,168	1/4	114,400	1/4	129,628	1/4	144,857
1/2	8,103	1/2	23,338	1/2	38,571	1/2	53,784	1/2	69,018	1/2	84,252	1/2	99,485	1/2	114,718	1/2	129,946	1/2	145,174
3/4	8,421	3/4	23,655	3/4	38,888	3/4	54,101	3/4	69,335	3/4	84,569	3/4	99,803	3/4	115,035	3/4	130,263	3/4	145,491
7	8,739	7	23,973	7	39,206	7	54,419	7	69,653	7	84,886	7	100,120	7	115,352	7	130,580	7	145,808
1/4	9,057	1/4	24,290	1/4	39,523	1/4	54,736	1/4	69,970	1/4	85,204	1/4	100,438	1/4	115,669	1/4	130,897	1/4	146,126
1/2	9,374	1/2	24,607	1/2	39,840	1/2	55,054	1/2	70,287	1/2	85,521	1/2	100,755	1/2	115,987	1/2	131,215	1/2	146,443
3/4	9,691	3/4	24,925	3/4	40,156	3/4	55,371	3/4	70,605	3/4	85,838	3/4	101,072	3/4	116,304	3/4	131,532	3/4	146,760
8	10,009	8	25,242	8	40,473	8	55,688	8	70,922	8	86,156	8	101,390	8	116,621	8	131,849	8	147,077
1/4	10,326	1/4	25,559	1/4	40,790	1/4	56,006	1/4	71,239	1/4	86,473	1/4	101,707	1/4	116,938	1/4	132,166	1/4	147,395
1/2	10,644	1/2	25,877	1/2	41,107	1/2	56,323	1/2	71,557	1/2	86,791	1/2	102,024	1/2	117,256	1/2	132,484	1/2	147,712
3/4	10,961	3/4	26,194	3/4	41,424	3/4	56,640	3/4	71,874	3/4	87,108	3/4	102,342	3/4	117,573	3/4	132,801	3/4	148,029
9	11,278	9	26,511	9	41,741	9	56,958	9	72,192	9	87,425	9	102,659	9	117,890	9	133,118	9	148,346
1/4	11,596	1/4	26,829	1/4	42,058	1/4	57,275	1/4	72,509	1/4	87,743	1/4	102,976	1/4	118,207	1/4	133,435	1/4	148,664
1/2	11,913	1/2	27,146	1/2	42,375	1/2	57,593	1/2	72,826	1/2	88,060	1/2	103,294	1/2	118,525	1/2	133,753	1/2	148,981
3/4	12,230	3/4	27,464	3/4	42,691	3/4	57,910	3/4	73,144	3/4	88,377	3/4	103,611	3/4	118,842	3/4	134,070	3/4	149,298
10	12,548	10	27,781	10	43,008	10	58,227	10	73,461	10	88,695	10	103,929	10	119,159	10	134,387	10	149,615
1/4	12,865	1/4	28,098	1/4	43,325	1/4	58,545	1/4	73,778	1/4	89,012	1/4	104,246	1/4	119,476	1/4	134,704	1/4	149,933
1/2	13,182	1/2	28,416	1/2	43,642	1/2	58,862	1/2	74,096	1/2	89,330	1/2	104,563	1/2	119,794	1/2	135,022	1/2	150,250
3/4	13,500	3/4	28,733	3/4	43,959	3/4	59,179	3/4	74,413	3/4	89,647	3/4	104,881	3/4	120,111	3/4	135,339	3/4	150,567
11	13,817	11	29,050	11	44,276	11	59,497	11	74,731	11	89,964	11	105,198	11	120,428	11	135,656	11	150,884
1/4	14,134	1/4	29,368	1/4	44,592	1/4	59,814	1/4	75,048	1/4	90,282	1/4	105,515	1/4	120,745	1/4	135,973	1/4	151,202
1/2	14,452	1/2	29,685	1/2	44,909	1/2	60,132	1/2	75,365	1/2	90,599	1/2	105,833	1/2	121,063	1/2	136,291	1/2	151,519
3/4	14,769	3/4	30,002	3/4	45,226	3/4	60,449	3/4	75,683	3/4	90,916	3/4	106,150	3/4	121,380	3/4	136,608	3/4	151,836

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.

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BARGE "CBC 396"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,153	0	167,381	0	182,581	0	197,216	0	211,082	0		0		0		0		0	
1/4	152,471	1/4	167,699	1/4	182,893	1/4	197,512	1/4	211,393	1/4		1/4		1/4		1/4		1/4	
1/2	152,788	1/2	168,016	1/2	183,205	1/2	197,808	1/2	211,704	1/2		1/2		1/2		1/2		1/2	
3/4	153,105	3/4	168,333	3/4	183,517	3/4	198,104	3/4	212,015	3/4		3/4		3/4		3/4		3/4	
1	153,422	1	168,650	1	183,829	1	198,401	1	212,326	1		1		1		1		1	
1/4	153,740	1/4	168,968	1/4	184,140	1/4	198,694	1/4	212,639	1/4		1/4		1/4		1/4		1/4	
1/2	154,057	1/2	169,285	1/2	184,451	1/2	198,988	1/2	212,952	1/2		1/2		1/2		1/2		1/2	
3/4	154,374	3/4	169,602	3/4	184,762	3/4	199,282	3/4	213,265	3/4		3/4		3/4		3/4		3/4	
2	154,691	2	169,919	2	185,073	2	199,576	2	213,578	2		2		2		2		2	
1/4	155,009	1/4	170,237	1/4	185,383	1/4	199,868	1/4	213,891	1/4		1/4		1/4		1/4		1/4	
1/2	155,326	1/2	170,554	1/2	185,692	1/2	200,160	1/2	214,205	1/2		1/2		1/2		1/2		1/2	
3/4	155,643	3/4	170,871	3/4	186,002	3/4	200,453	3/4	214,518	3/4		3/4		3/4		3/4		3/4	
3	155,960	3	171,188	3	186,312	3	200,745	3	214,831	3		3		3		3		3	
1/4	156,278	1/4	171,506	1/4	186,620	1/4	201,036	1/4	215,144	1/4		1/4		1/4		1/4		1/4	
1/2	156,595	1/2	171,823	1/2	186,928	1/2	201,327	1/2	215,457	1/2		1/2		1/2		1/2		1/2	
3/4	156,912	3/4	172,140	3/4	187,237	3/4	201,618	3/4	215,770	3/4		3/4		3/4		3/4		3/4	
4	157,229	4	172,458	4	187,545	4	201,909	4	216,083	4		4		4		4		4	
1/4	157,547	1/4	172,775	1/4	187,852	1/4	202,199	1/4	216,396	1/4		1/4		1/4		1/4		1/4	
1/2	157,864	1/2	173,092	1/2	188,159	1/2	202,488	1/2	216,710	1/2		1/2		1/2		1/2		1/2	
3/4	158,181	3/4	173,409	3/4	188,465	3/4	202,778	3/4	217,023	3/4		3/4		3/4		3/4		3/4	
5	158,498	5	173,727	5	188,772	5	203,068	5	217,336	5		5		5		5		5	
1/4	158,816	1/4	174,044	1/4	189,078	1/4	203,356	1/4	217,643	1/4		1/4		1/4		1/4		1/4	
1/2	159,133	1/2	174,361	1/2	189,383	1/2	203,644	1/2	217,951	1/2		1/2		1/2		1/2		1/2	
3/4	159,450	3/4	174,678	3/4	189,689	3/4	203,932	3/4	218,258	3/4		3/4		3/4		3/4		3/4	
6	159,767	6	174,996	6	189,994	6	204,220	6	218,565	6		6		6		6		6	
1/4	160,085	1/4	175,313	1/4	190,299	1/4	204,507	1/4	218,831	1/4		1/4		1/4		1/4		1/4	
1/2	160,402	1/2	175,630	1/2	190,603	1/2	204,794	1/2	219,097	1/2		1/2		1/2		1/2		1/2	
3/4	160,719	3/4	175,947	3/4	190,907	3/4	205,081	3/4	219,363	3/4		3/4		3/4		3/4		3/4	
7	161,036	7	176,265	7	191,212	7	205,368	7	219,629	7		7		7		7		7	
1/4	161,354	1/4	176,582	1/4	191,514	1/4	205,654	1/4	219,844	1/4		1/4		1/4		1/4		1/4	
1/2	161,671	1/2	176,899	1/2	191,817	1/2	205,939	1/2	220,059	1/2		1/2		1/2		1/2		1/2	
3/4	161,988	3/4	177,216	3/4	192,120	3/4	206,225	3/4	220,274	3/4		3/4		3/4		3/4		3/4	
8	162,305	8	177,534	8	192,423	8	206,511	8	220,489	8		8		8		8		8	
1/4	162,623	1/4	177,851	1/4	192,725	1/4	206,795	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,940	1/2	178,168	1/2	193,026	1/2	207,080	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,257	3/4	178,485	3/4	193,327	3/4	207,364	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,574	9	178,802	9	193,629	9	207,648	9		9		9		9		9		9	
1/4	163,892	1/4	179,118	1/4	193,929	1/4	207,931	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,209	1/2	179,434	1/2	194,229	1/2	208,214	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,526	3/4	179,751	3/4	194,529	3/4	208,498	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,843	10	180,067	10	194,830	10	208,781	10		10		10		10		10		10	
1/4	165,161	1/4	180,382	1/4	195,128	1/4	209,062	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,478	1/2	180,697	1/2	195,427	1/2	209,344	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,795	3/4	181,012	3/4	195,726	3/4	209,626	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,112	11	181,327	11	196,025	11	209,907	11		11		11		11		11		11	
1/4	166,430	1/4	181,640	1/4	196,323	1/4	210,201	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,747	1/2	181,954	1/2	196,620	1/2	210,495	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,064	3/4	182,267	3/4	196,918	3/4	210,788	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 396"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	898	0	15,083	0	30,312	0	45,493	0	60,672	0	75,902	0	91,132	0	106,362	0	121,588	0	136,813
1/4	1,076	1/4	15,400	1/4	30,630	1/4	45,808	1/4	60,989	1/4	76,219	1/4	91,449	1/4	106,680	1/4	121,905	1/4	137,130
1/2	1,255	1/2	15,717	1/2	30,947	1/2	46,123	1/2	61,307	1/2	76,537	1/2	91,767	1/2	106,997	1/2	122,223	1/2	137,447
3/4	1,433	3/4	16,035	3/4	31,264	3/4	46,438	3/4	61,624	3/4	76,854	3/4	92,084	3/4	107,314	3/4	122,540	3/4	137,764
1	1,612	1	16,352	1	31,582	1	46,754	1	61,941	1	77,171	1	92,401	1	107,631	1	122,857	1	138,081
1/4	1,843	1/4	16,669	1/4	31,899	1/4	47,069	1/4	62,259	1/4	77,489	1/4	92,719	1/4	107,949	1/4	123,174	1/4	138,399
1/2	2,075	1/2	16,987	1/2	32,216	1/2	47,384	1/2	62,576	1/2	77,806	1/2	93,036	1/2	108,266	1/2	123,491	1/2	138,716
3/4	2,306	3/4	17,304	3/4	32,533	3/4	47,699	3/4	62,893	3/4	78,123	3/4	93,353	3/4	108,583	3/4	123,808	3/4	139,033
2	2,537	2	17,621	2	32,851	2	48,014	2	63,210	2	78,440	2	93,671	2	108,901	2	124,126	2	139,350
1/4	2,821	1/4	17,941	1/4	33,168	1/4	48,329	1/4	63,528	1/4	78,758	1/4	93,988	1/4	109,218	1/4	124,443	1/4	139,667
1/2	3,106	1/2	18,257	1/2	33,485	1/2	48,644	1/2	63,845	1/2	79,075	1/2	94,305	1/2	109,535	1/2	124,760	1/2	139,984
3/4	3,390	3/4	18,574	3/4	33,802	3/4	48,959	3/4	64,162	3/4	79,392	3/4	94,622	3/4	109,853	3/4	125,077	3/4	140,302
3	3,674	3	18,890	3	34,120	3	49,275	3	64,480	3	79,710	3	94,940	3	110,170	3	125,394	3	140,619
1/4	3,988	1/4	19,208	1/4	34,437	1/4	49,590	1/4	64,797	1/4	80,027	1/4	95,257	1/4	110,487	1/4	125,712	1/4	140,936
1/2	4,302	1/2	19,525	1/2	34,754	1/2	49,905	1/2	65,114	1/2	80,344	1/2	95,574	1/2	110,804	1/2	126,029	1/2	141,253
3/4	4,616	3/4	19,842	3/4	35,072	3/4	50,220	3/4	65,431	3/4	80,662	3/4	95,892	3/4	111,121	3/4	126,346	3/4	141,570
4	4,930	4	20,159	4	35,389	4	50,535	4	65,749	4	80,979	4	96,209	4	111,439	4	126,663	4	141,887
1/4	5,247	1/4	20,477	1/4	35,706	1/4	50,850	1/4	66,066	1/4	81,296	1/4	96,526	1/4	111,756	1/4	126,980	1/4	142,205
1/2	5,565	1/2	20,794	1/2	36,023	1/2	51,165	1/2	66,383	1/2	81,613	1/2	96,843	1/2	112,073	1/2	127,297	1/2	142,522
3/4	5,882	3/4	21,111	3/4	36,341	3/4	51,480	3/4	66,701	3/4	81,931	3/4	97,161	3/4	112,390	3/4	127,615	3/4	142,839
5	6,199	5	21,429	5	36,658	5	51,795	5	67,018	5	82,248	5	97,478	5	112,707	5	127,932	5	143,156
1/4	6,516	1/4	21,746	1/4	36,975	1/4	52,111	1/4	67,335	1/4	82,565	1/4	97,795	1/4	113,024	1/4	128,249	1/4	143,473
1/2	6,834	1/2	22,063	1/2	37,293	1/2	52,427	1/2	67,653	1/2	82,883	1/2	98,113	1/2	113,342	1/2	128,566	1/2	143,791
3/4	7,151	3/4	22,380	3/4	37,610	3/4	52,742	3/4	67,970	3/4	83,200	3/4	98,430	3/4	113,659	3/4	128,883	3/4	144,108
6	7,468	6	22,698	6	37,927	6	53,058	6	68,287	6	83,517	6	98,747	6	113,976	6	129,200	6	144,425
1/4	7,783	1/4	23,015	1/4	38,243	1/4	53,375	1/4	68,604	1/4	83,834	1/4	99,065	1/4	114,293	1/4	129,518	1/4	144,742
1/2	8,101	1/2	23,332	1/2	38,559	1/2	53,692	1/2	68,922	1/2	84,152	1/2	99,382	1/2	114,610	1/2	129,835	1/2	145,059
3/4	8,419	3/4	23,650	3/4	38,875	3/4	54,009	3/4	69,239	3/4	84,469	3/4	99,699	3/4	114,928	3/4	130,152	3/4	145,376
7	8,737	7	23,967	7	39,190	7	54,326	7	69,556	7	84,786	7	100,016	7	115,245	7	130,469	7	145,694
1/4	9,055	1/4	24,284	1/4	39,506	1/4	54,643	1/4	69,874	1/4	85,104	1/4	100,334	1/4	115,562	1/4	130,786	1/4	146,011
1/2	9,372	1/2	24,601	1/2	39,821	1/2	54,961	1/2	70,191	1/2	85,421	1/2	100,651	1/2	115,879	1/2	131,103	1/2	146,328
3/4	9,689	3/4	24,919	3/4	40,136	3/4	55,278	3/4	70,508	3/4	85,738	3/4	100,968	3/4	116,196	3/4	131,421	3/4	146,645
8	10,006	8	25,236	8	40,451	8	55,595	8	70,825	8	86,056	8	101,286	8	116,513	8	131,738	8	146,962
1/4	10,324	1/4	25,553	1/4	40,766	1/4	55,913	1/4	71,143	1/4	86,373	1/4	101,603	1/4	116,831	1/4	132,055	1/4	147,279
1/2	10,641	1/2	25,870	1/2	41,081	1/2	56,230	1/2	71,460	1/2	86,690	1/2	101,920	1/2	117,148	1/2	132,372	1/2	147,597
3/4	10,958	3/4	26,188	3/4	41,397	3/4	56,547	3/4	71,777	3/4	87,007	3/4	102,237	3/4	117,465	3/4	132,689	3/4	147,914
9	11,276	9	26,505	9	41,712	9	56,865	9	72,095	9	87,325	9	102,555	9	117,782	9	133,007	9	148,231
1/4	11,593	1/4	26,822	1/4	42,027	1/4	57,182	1/4	72,412	1/4	87,642	1/4	102,872	1/4	118,099	1/4	133,324	1/4	148,548
1/2	11,910	1/2	27,140	1/2	42,342	1/2	57,499	1/2	72,729	1/2	87,959	1/2	103,189	1/2	118,416	1/2	133,641	1/2	148,865
3/4	12,227	3/4	27,457	3/4	42,657	3/4	57,816	3/4	73,046	3/4	88,277	3/4	103,507	3/4	118,734	3/4	133,958	3/4	149,183
10	12,545	10	27,774	10	42,972	10	58,134	10	73,364	10	88,594	10	103,824	10	119,051	10	134,275	10	149,500
1/4	12,862	1/4	28,091	1/4	43,287	1/4	58,451	1/4	73,681	1/4	88,911	1/4	104,141	1/4	119,368	1/4	134,592	1/4	149,817
1/2	13,179	1/2	28,409	1/2	43,602	1/2	58,768	1/2	73,998	1/2	89,228	1/2	104,459	1/2	119,685	1/2	134,910	1/2	150,134
3/4	13,497	3/4	28,726	3/4	43,918	3/4	59,086	3/4	74,316	3/4	89,546	3/4	104,776	3/4	120,002	3/4	135,227	3/4	150,451
11	13,814	11	29,043	11	44,233	11	59,403	11	74,633	11	89,863	11	105,093	11	120,320	11	135,544	11	150,768
1/4	14,131	1/4	29,361	1/4	44,548	1/4	59,720	1/4	74,950	1/4	90,180	1/4	105,410	1/4	120,637	1/4	135,861	1/4	151,086
1/2	14,448	1/2	29,678	1/2	44,863	1/2	60,037	1/2	75,268	1/2	90,498	1/2	105,728	1/2	120,954	1/2	136,178	1/2	151,403
3/4	14,766	3/4	29,995	3/4	45,178	3/4	60,355	3/4	75,585	3/4	90,815	3/4	106,045	3/4	121,271	3/4	136,495	3/4	151,720

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 396"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,037	0	167,262	0	182,457	0	197,088	0	210,951	0		0		0		0		0	
1/4	152,354	1/4	167,579	1/4	182,769	1/4	197,385	1/4	211,262	1/4		1/4		1/4		1/4		1/4	
1/2	152,671	1/2	167,896	1/2	183,081	1/2	197,681	1/2	211,573	1/2		1/2		1/2		1/2		1/2	
3/4	152,989	3/4	168,213	3/4	183,393	3/4	197,977	3/4	211,884	3/4		3/4		3/4		3/4		3/4	
1	153,306	1	168,530	1	183,705	1	198,273	1	212,195	1		1		1		1		1	
1/4	153,623	1/4	168,847	1/4	184,016	1/4	198,567	1/4	212,508	1/4		1/4		1/4		1/4		1/4	
1/2	153,940	1/2	169,165	1/2	184,327	1/2	198,860	1/2	212,821	1/2		1/2		1/2		1/2		1/2	
3/4	154,257	3/4	169,482	3/4	184,638	3/4	199,154	3/4	213,134	3/4		3/4		3/4		3/4		3/4	
2	154,574	2	169,799	2	184,949	2	199,448	2	213,447	2		2		2		2		2	
1/4	154,892	1/4	170,116	1/4	185,258	1/4	199,740	1/4	213,760	1/4		1/4		1/4		1/4		1/4	
1/2	155,209	1/2	170,433	1/2	185,568	1/2	200,032	1/2	214,073	1/2		1/2		1/2		1/2		1/2	
3/4	155,526	3/4	170,750	3/4	185,878	3/4	200,324	3/4	214,386	3/4		3/4		3/4		3/4		3/4	
3	155,843	3	171,068	3	186,187	3	200,617	3	214,699	3		3		3		3		3	
1/4	156,160	1/4	171,385	1/4	186,495	1/4	200,908	1/4	215,012	1/4		1/4		1/4		1/4		1/4	
1/2	156,478	1/2	171,702	1/2	186,804	1/2	201,199	1/2	215,325	1/2		1/2		1/2		1/2		1/2	
3/4	156,795	3/4	172,019	3/4	187,112	3/4	201,490	3/4	215,638	3/4		3/4		3/4		3/4		3/4	
4	157,112	4	172,336	4	187,420	4	201,780	4	215,951	4		4		4		4		4	
1/4	157,429	1/4	172,654	1/4	187,727	1/4	202,070	1/4	216,264	1/4		1/4		1/4		1/4		1/4	
1/2	157,746	1/2	172,971	1/2	188,033	1/2	202,360	1/2	216,577	1/2		1/2		1/2		1/2		1/2	
3/4	158,063	3/4	173,288	3/4	188,340	3/4	202,649	3/4	216,890	3/4		3/4		3/4		3/4		3/4	
5	158,381	5	173,605	5	188,647	5	202,939	5	217,203	5		5		5		5		5	
1/4	158,698	1/4	173,922	1/4	188,952	1/4	203,227	1/4	217,511	1/4		1/4		1/4		1/4		1/4	
1/2	159,015	1/2	174,239	1/2	189,258	1/2	203,515	1/2	217,818	1/2		1/2		1/2		1/2		1/2	
3/4	159,332	3/4	174,557	3/4	189,563	3/4	203,803	3/4	218,125	3/4		3/4		3/4		3/4		3/4	
6	159,649	6	174,874	6	189,869	6	204,091	6	218,432	6		6		6		6		6	
1/4	159,966	1/4	175,191	1/4	190,173	1/4	204,378	1/4	218,698	1/4		1/4		1/4		1/4		1/4	
1/2	160,284	1/2	175,508	1/2	190,477	1/2	204,665	1/2	218,964	1/2		1/2		1/2		1/2		1/2	
3/4	160,601	3/4	175,825	3/4	190,782	3/4	204,952	3/4	219,230	3/4		3/4		3/4		3/4		3/4	
7	160,918	7	176,142	7	191,086	7	205,239	7	219,496	7		7		7		7		7	
1/4	161,235	1/4	176,460	1/4	191,389	1/4	205,524	1/4	219,711	1/4		1/4		1/4		1/4		1/4	
1/2	161,552	1/2	176,777	1/2	191,691	1/2	205,810	1/2	219,926	1/2		1/2		1/2		1/2		1/2	
3/4	161,870	3/4	177,094	3/4	191,994	3/4	206,095	3/4	220,141	3/4		3/4		3/4		3/4		3/4	
8	162,187	8	177,411	8	192,297	8	206,381	8	220,356	8		8		8		8		8	
1/4	162,504	1/4	177,728	1/4	192,598	1/4	206,665	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,821	1/2	178,045	1/2	192,900	1/2	206,950	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,138	3/4	178,362	3/4	193,201	3/4	207,234	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,455	9	178,679	9	193,502	9	207,518	9		9		9		9		9		9	
1/4	163,773	1/4	178,995	1/4	193,803	1/4	207,801	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,090	1/2	179,312	1/2	194,103	1/2	208,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,407	3/4	179,628	3/4	194,403	3/4	208,367	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,724	10	179,944	10	194,703	10	208,650	10		10		10		10		10		10	
1/4	165,041	1/4	180,259	1/4	195,002	1/4	208,932	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,358	1/2	180,574	1/2	195,301	1/2	209,213	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,676	3/4	180,888	3/4	195,599	3/4	209,495	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,993	11	181,203	11	195,898	11	209,777	11		11		11		11		11		11	
1/4	166,310	1/4	181,517	1/4	196,196	1/4	210,070	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,627	1/2	181,830	1/2	196,493	1/2	210,364	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,944	3/4	182,144	3/4	196,791	3/4	210,658	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 396"

2 PORT 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	895	0	15,032	0	30,211	0	45,379	0	60,548	0	75,727	0	90,906	0	106,084	0	121,260	0	136,433
1/4	1,073	1/4	15,349	1/4	30,527	1/4	45,695	1/4	60,864	1/4	76,043	1/4	91,222	1/4	106,401	1/4	121,576	1/4	136,749
1/2	1,251	1/2	15,665	1/2	30,843	1/2	46,011	1/2	61,180	1/2	76,359	1/2	91,538	1/2	106,717	1/2	121,892	1/2	137,065
3/4	1,429	3/4	15,981	3/4	31,159	3/4	46,326	3/4	61,496	3/4	76,675	3/4	91,854	3/4	107,033	3/4	122,208	3/4	137,381
1	1,607	1	16,297	1	31,476	1	46,642	1	61,813	1	76,992	1	92,170	1	107,349	1	122,524	1	137,697
1/4	1,837	1/4	16,613	1/4	31,792	1/4	46,958	1/4	62,129	1/4	77,308	1/4	92,487	1/4	107,666	1/4	122,840	1/4	138,014
1/2	2,068	1/2	16,930	1/2	32,108	1/2	47,274	1/2	62,445	1/2	77,624	1/2	92,803	1/2	107,982	1/2	123,156	1/2	138,330
3/4	2,298	3/4	17,246	3/4	32,424	3/4	47,589	3/4	62,761	3/4	77,940	3/4	93,119	3/4	108,298	3/4	123,472	3/4	138,646
2	2,529	2	17,562	2	32,740	2	47,905	2	63,078	2	78,256	2	93,435	2	108,614	2	123,788	2	138,962
1/4	2,812	1/4	17,881	1/4	33,057	1/4	48,221	1/4	63,394	1/4	78,573	1/4	93,752	1/4	108,931	1/4	124,105	1/4	139,278
1/2	3,095	1/2	18,196	1/2	33,373	1/2	48,536	1/2	63,710	1/2	78,889	1/2	94,068	1/2	109,247	1/2	124,421	1/2	139,594
3/4	3,378	3/4	18,511	3/4	33,689	3/4	48,852	3/4	64,026	3/4	79,205	3/4	94,384	3/4	109,563	3/4	124,737	3/4	139,910
3	3,662	3	18,827	3	34,005	3	49,168	3	64,342	3	79,521	3	94,700	3	109,879	3	125,053	3	140,226
1/4	3,975	1/4	19,143	1/4	34,321	1/4	49,484	1/4	64,659	1/4	79,838	1/4	95,016	1/4	110,195	1/4	125,369	1/4	140,543
1/2	4,288	1/2	19,459	1/2	34,638	1/2	49,799	1/2	64,975	1/2	80,154	1/2	95,333	1/2	110,512	1/2	125,685	1/2	140,859
3/4	4,601	3/4	19,776	3/4	34,954	3/4	50,115	3/4	65,291	3/4	80,470	3/4	95,649	3/4	110,828	3/4	126,001	3/4	141,175
4	4,913	4	20,092	4	35,270	4	50,431	4	65,607	4	80,786	4	95,965	4	111,144	4	126,317	4	141,491
1/4	5,230	1/4	20,408	1/4	35,586	1/4	50,746	1/4	65,924	1/4	81,102	1/4	96,281	1/4	111,460	1/4	126,633	1/4	141,807
1/2	5,546	1/2	20,724	1/2	35,903	1/2	51,062	1/2	66,240	1/2	81,419	1/2	96,598	1/2	111,776	1/2	126,950	1/2	142,123
3/4	5,862	3/4	21,040	3/4	36,219	3/4	51,378	3/4	66,556	3/4	81,735	3/4	96,914	3/4	112,092	3/4	127,266	3/4	142,439
5	6,178	5	21,357	5	36,535	5	51,694	5	66,872	5	82,051	5	97,230	5	112,408	5	127,582	5	142,755
1/4	6,495	1/4	21,673	1/4	36,851	1/4	52,010	1/4	67,188	1/4	82,367	1/4	97,546	1/4	112,724	1/4	127,898	1/4	143,071
1/2	6,811	1/2	21,989	1/2	37,167	1/2	52,326	1/2	67,505	1/2	82,684	1/2	97,863	1/2	113,041	1/2	128,214	1/2	143,388
3/4	7,127	3/4	22,305	3/4	37,484	3/4	52,642	3/4	67,821	3/4	83,000	3/4	98,179	3/4	113,357	3/4	128,530	3/4	143,704
6	7,443	6	22,622	6	37,800	6	52,958	6	68,137	6	83,316	6	98,495	6	113,673	6	128,846	6	144,020
1/4	7,757	1/4	22,938	1/4	38,116	1/4	53,274	1/4	68,453	1/4	83,632	1/4	98,811	1/4	113,989	1/4	129,162	1/4	144,336
1/2	8,074	1/2	23,254	1/2	38,432	1/2	53,591	1/2	68,770	1/2	83,949	1/2	99,127	1/2	114,305	1/2	129,479	1/2	144,652
3/4	8,391	3/4	23,570	3/4	38,748	3/4	53,907	3/4	69,086	3/4	84,265	3/4	99,444	3/4	114,621	3/4	129,795	3/4	144,968
7	8,708	7	23,886	7	39,065	7	54,223	7	69,402	7	84,581	7	99,760	7	114,937	7	130,111	7	145,284
1/4	9,024	1/4	24,203	1/4	39,380	1/4	54,539	1/4	69,718	1/4	84,897	1/4	100,076	1/4	115,253	1/4	130,427	1/4	145,600
1/2	9,340	1/2	24,519	1/2	39,696	1/2	54,856	1/2	70,035	1/2	85,213	1/2	100,392	1/2	115,569	1/2	130,743	1/2	145,916
3/4	9,657	3/4	24,835	3/4	40,012	3/4	55,172	3/4	70,351	3/4	85,530	3/4	100,709	3/4	115,886	3/4	131,059	3/4	146,233
8	9,973	8	25,151	8	40,328	8	55,488	8	70,667	8	85,846	8	101,025	8	116,202	8	131,375	8	146,549
1/4	10,289	1/4	25,467	1/4	40,644	1/4	55,804	1/4	70,983	1/4	86,162	1/4	101,341	1/4	116,518	1/4	131,691	1/4	146,865
1/2	10,605	1/2	25,784	1/2	40,959	1/2	56,121	1/2	71,299	1/2	86,478	1/2	101,657	1/2	116,834	1/2	132,007	1/2	147,181
3/4	10,922	3/4	26,100	3/4	41,275	3/4	56,437	3/4	71,616	3/4	86,795	3/4	101,974	3/4	117,150	3/4	132,324	3/4	147,497
9	11,238	9	26,416	9	41,591	9	56,753	9	71,932	9	87,111	9	102,290	9	117,466	9	132,640	9	147,813
1/4	11,554	1/4	26,732	1/4	41,906	1/4	57,069	1/4	72,248	1/4	87,427	1/4	102,606	1/4	117,782	1/4	132,956	1/4	148,129
1/2	11,870	1/2	27,049	1/2	42,222	1/2	57,385	1/2	72,564	1/2	87,743	1/2	102,922	1/2	118,098	1/2	133,272	1/2	148,445
3/4	12,186	3/4	27,365	3/4	42,538	3/4	57,702	3/4	72,881	3/4	88,059	3/4	103,238	3/4	118,415	3/4	133,588	3/4	148,761
10	12,503	10	27,681	10	42,854	10	58,018	10	73,197	10	88,376	10	103,555	10	118,731	10	133,904	10	149,078
1/4	12,819	1/4	27,997	1/4	43,169	1/4	58,334	1/4	73,513	1/4	88,692	1/4	103,871	1/4	119,047	1/4	134,220	1/4	149,394
1/2	13,135	1/2	28,313	1/2	43,485	1/2	58,650	1/2	73,829	1/2	89,008	1/2	104,187	1/2	119,363	1/2	134,536	1/2	149,710
3/4	13,451	3/4	28,630	3/4	43,801	3/4	58,967	3/4	74,145	3/4	89,324	3/4	104,503	3/4	119,679	3/4	134,852	3/4	150,026
11	13,767	11	28,946	11	44,116	11	59,283	11	74,462	11	89,641	11	104,820	11	119,995	11	135,169	11	150,342
1/4	14,084	1/4	29,262	1/4	44,432	1/4	59,599	1/4	74,778	1/4	89,957	1/4	105,136	1/4	120,311	1/4	135,485	1/4	150,658
1/2	14,400	1/2	29,578	1/2	44,748	1/2	59,915	1/2	75,094	1/2	90,273	1/2	105,452	1/2	120,627	1/2	135,801	1/2	150,974
3/4	14,716	3/4	29,894	3/4	45,064	3/4	60,231	3/4	75,410	3/4	90,589	3/4	105,768	3/4	120,943	3/4	136,117	3/4	151,290

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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BARGE "CBC 396"

2 PORT 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	151,607	0	166,780	0	181,924	0	196,506	0	210,322	0		0		0		0		0	
1/4	151,923	1/4	167,096	1/4	182,235	1/4	196,801	1/4	210,632	1/4		1/4		1/4		1/4		1/4	
1/2	152,239	1/2	167,412	1/2	182,546	1/2	197,097	1/2	210,942	1/2		1/2		1/2		1/2		1/2	
3/4	152,555	3/4	167,728	3/4	182,857	3/4	197,392	3/4	211,252	3/4		3/4		3/4		3/4		3/4	
1	152,871	1	168,044	1	183,168	1	197,687	1	211,561	1		1		1		1		1	
1/4	153,187	1/4	168,361	1/4	183,478	1/4	197,980	1/4	211,873	1/4		1/4		1/4		1/4		1/4	
1/2	153,503	1/2	168,677	1/2	183,788	1/2	198,272	1/2	212,185	1/2		1/2		1/2		1/2		1/2	
3/4	153,819	3/4	168,993	3/4	184,098	3/4	198,565	3/4	212,497	3/4		3/4		3/4		3/4		3/4	
2	154,135	2	169,309	2	184,407	2	198,858	2	212,809	2		2		2		2		2	
1/4	154,452	1/4	169,625	1/4	184,716	1/4	199,149	1/4	213,121	1/4		1/4		1/4		1/4		1/4	
1/2	154,768	1/2	169,941	1/2	185,025	1/2	199,440	1/2	213,433	1/2		1/2		1/2		1/2		1/2	
3/4	155,084	3/4	170,257	3/4	185,333	3/4	199,731	3/4	213,745	3/4		3/4		3/4		3/4		3/4	
3	155,400	3	170,573	3	185,642	3	200,023	3	214,057	3		3		3		3		3	
1/4	155,716	1/4	170,889	1/4	185,949	1/4	200,313	1/4	214,369	1/4		1/4		1/4		1/4		1/4	
1/2	156,032	1/2	171,206	1/2	186,256	1/2	200,603	1/2	214,681	1/2		1/2		1/2		1/2		1/2	
3/4	156,348	3/4	171,522	3/4	186,563	3/4	200,893	3/4	214,993	3/4		3/4		3/4		3/4		3/4	
4	156,664	4	171,838	4	186,870	4	201,183	4	215,305	4		4		4		4		4	
1/4	156,980	1/4	172,154	1/4	187,176	1/4	201,471	1/4	215,617	1/4		1/4		1/4		1/4		1/4	
1/2	157,297	1/2	172,470	1/2	187,482	1/2	201,760	1/2	215,929	1/2		1/2		1/2		1/2		1/2	
3/4	157,613	3/4	172,786	3/4	187,787	3/4	202,048	3/4	216,241	3/4		3/4		3/4		3/4		3/4	
5	157,929	5	173,102	5	188,093	5	202,337	5	216,553	5		5		5		5		5	
1/4	158,245	1/4	173,418	1/4	188,398	1/4	202,624	1/4	216,859	1/4		1/4		1/4		1/4		1/4	
1/2	158,561	1/2	173,735	1/2	188,702	1/2	202,911	1/2	217,166	1/2		1/2		1/2		1/2		1/2	
3/4	158,877	3/4	174,051	3/4	189,006	3/4	203,198	3/4	217,472	3/4		3/4		3/4		3/4		3/4	
6	159,193	6	174,367	6	189,311	6	203,486	6	217,778	6		6		6		6		6	
1/4	159,509	1/4	174,683	1/4	189,614	1/4	203,771	1/4	218,043	1/4		1/4		1/4		1/4		1/4	
1/2	159,825	1/2	174,999	1/2	189,917	1/2	204,057	1/2	218,308	1/2		1/2		1/2		1/2		1/2	
3/4	160,142	3/4	175,315	3/4	190,221	3/4	204,343	3/4	218,573	3/4		3/4		3/4		3/4		3/4	
7	160,458	7	175,631	7	190,524	7	204,629	7	218,838	7		7		7		7		7	
1/4	160,774	1/4	175,947	1/4	190,826	1/4	204,914	1/4	219,053	1/4		1/4		1/4		1/4		1/4	
1/2	161,090	1/2	176,263	1/2	191,127	1/2	205,198	1/2	219,267	1/2		1/2		1/2		1/2		1/2	
3/4	161,406	3/4	176,580	3/4	191,429	3/4	205,483	3/4	219,481	3/4		3/4		3/4		3/4		3/4	
8	161,722	8	176,896	8	191,731	8	205,767	8	219,695	8		8		8		8		8	
1/4	162,038	1/4	177,211	1/4	192,031	1/4	206,051	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,354	1/2	177,527	1/2	192,332	1/2	206,334	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,671	3/4	177,843	3/4	192,632	3/4	206,618	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,987	9	178,159	9	192,932	9	206,901	9		9		9		9		9		9	
1/4	163,303	1/4	178,474	1/4	193,231	1/4	207,183	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,619	1/2	178,789	1/2	193,531	1/2	207,465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,935	3/4	179,104	3/4	193,830	3/4	207,747	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,251	10	179,419	10	194,129	10	208,029	10		10		10		10		10		10	
1/4	164,567	1/4	179,733	1/4	194,427	1/4	208,310	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,883	1/2	180,047	1/2	194,724	1/2	208,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,199	3/4	180,361	3/4	195,022	3/4	208,871	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,516	11	180,674	11	195,320	11	209,152	11		11		11		11		11		11	
1/4	165,832	1/4	180,987	1/4	195,617	1/4	209,444	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,148	1/2	181,299	1/2	195,913	1/2	209,737	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,464	3/4	181,612	3/4	196,210	3/4	210,030	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
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BARGE "CBC 396"

2 STBD

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	895	0	15,031	0	30,207	0	45,048	0	59,874	0	75,051	0	90,228	0	105,406	0	120,578	0	135,750
1/4	1,073	1/4	15,347	1/4	30,523	1/4	45,349	1/4	60,190	1/4	75,367	1/4	90,545	1/4	105,722	1/4	120,894	1/4	136,066
1/2	1,251	1/2	15,663	1/2	30,840	1/2	45,651	1/2	60,506	1/2	75,684	1/2	90,861	1/2	106,038	1/2	121,211	1/2	136,382
3/4	1,428	3/4	15,979	3/4	31,156	3/4	45,953	3/4	60,822	3/4	76,000	3/4	91,177	3/4	106,354	3/4	121,527	3/4	136,698
1	1,606	1	16,295	1	31,472	1	46,255	1	61,139	1	76,316	1	91,493	1	106,670	1	121,843	1	137,014
1/4	1,837	1/4	16,611	1/4	31,788	1/4	46,556	1/4	61,455	1/4	76,632	1/4	91,809	1/4	106,987	1/4	122,159	1/4	137,330
1/2	2,067	1/2	16,928	1/2	32,104	1/2	46,858	1/2	61,771	1/2	76,948	1/2	92,126	1/2	107,303	1/2	122,475	1/2	137,646
3/4	2,298	3/4	17,244	3/4	32,420	3/4	47,160	3/4	62,087	3/4	77,265	3/4	92,442	3/4	107,619	3/4	122,791	3/4	137,963
2	2,528	2	17,560	2	32,737	2	47,462	2	62,403	2	77,581	2	92,758	2	107,935	2	123,107	2	138,279
1/4	2,812	1/4	17,878	1/4	33,053	1/4	47,764	1/4	62,720	1/4	77,897	1/4	93,074	1/4	108,251	1/4	123,423	1/4	138,595
1/2	3,095	1/2	18,194	1/2	33,369	1/2	48,065	1/2	63,036	1/2	78,213	1/2	93,390	1/2	108,568	1/2	123,739	1/2	138,911
3/4	3,378	3/4	18,509	3/4	33,685	3/4	48,367	3/4	63,352	3/4	78,529	3/4	93,707	3/4	108,884	3/4	124,055	3/4	139,227
3	3,661	3	18,825	3	34,001	3	48,669	3	63,668	3	78,845	3	94,023	3	109,200	3	124,371	3	139,543
1/4	3,974	1/4	19,141	1/4	34,318	1/4	48,971	1/4	63,984	1/4	79,162	1/4	94,339	1/4	109,516	1/4	124,687	1/4	139,859
1/2	4,287	1/2	19,457	1/2	34,634	1/2	49,273	1/2	64,301	1/2	79,478	1/2	94,655	1/2	109,832	1/2	125,003	1/2	140,175
3/4	4,600	3/4	19,773	3/4	34,950	3/4	49,574	3/4	64,617	3/4	79,794	3/4	94,971	3/4	110,148	3/4	125,320	3/4	140,491
4	4,913	4	20,089	4	35,266	4	49,876	4	64,933	4	80,110	4	95,288	4	110,464	4	125,636	4	140,807
1/4	5,229	1/4	20,406	1/4	35,582	1/4	50,178	1/4	65,249	1/4	80,426	1/4	95,604	1/4	110,778	1/4	125,952	1/4	141,123
1/2	5,545	1/2	20,722	1/2	35,898	1/2	50,480	1/2	65,565	1/2	80,743	1/2	95,920	1/2	111,095	1/2	126,268	1/2	141,439
3/4	5,861	3/4	21,038	3/4	36,215	3/4	50,782	3/4	65,882	3/4	81,059	3/4	96,236	3/4	111,412	3/4	126,584	3/4	141,755
5	6,178	5	21,354	5	36,531	5	51,083	5	66,198	5	81,375	5	96,552	5	111,728	5	126,900	5	142,072
1/4	6,494	1/4	21,670	1/4	36,847	1/4	51,386	1/4	66,514	1/4	81,691	1/4	96,868	1/4	112,044	1/4	127,216	1/4	142,388
1/2	6,810	1/2	21,986	1/2	37,163	1/2	51,688	1/2	66,830	1/2	82,007	1/2	97,185	1/2	112,360	1/2	127,532	1/2	142,704
3/4	7,126	3/4	22,303	3/4	37,479	3/4	51,990	3/4	67,146	3/4	82,324	3/4	97,501	3/4	112,677	3/4	127,848	3/4	143,020
6	7,442	6	22,619	6	37,796	6	52,292	6	67,463	6	82,640	6	97,817	6	112,993	6	128,164	6	143,336
1/4	7,756	1/4	22,935	1/4	38,100	1/4	52,607	1/4	67,779	1/4	82,956	1/4	98,133	1/4	113,309	1/4	128,480	1/4	143,652
1/2	8,073	1/2	23,251	1/2	38,404	1/2	52,921	1/2	68,095	1/2	83,272	1/2	98,449	1/2	113,625	1/2	128,796	1/2	143,968
3/4	8,390	3/4	23,567	3/4	38,707	3/4	53,236	3/4	68,411	3/4	83,588	3/4	98,766	3/4	113,941	3/4	129,112	3/4	144,284
7	8,707	7	23,884	7	39,011	7	53,550	7	68,727	7	83,905	7	99,082	7	114,257	7	129,428	7	144,600
1/4	9,023	1/4	24,200	1/4	39,313	1/4	53,866	1/4	69,043	1/4	84,221	1/4	99,398	1/4	114,573	1/4	129,745	1/4	144,916
1/2	9,339	1/2	24,516	1/2	39,615	1/2	54,182	1/2	69,360	1/2	84,537	1/2	99,714	1/2	114,889	1/2	130,061	1/2	145,232
3/4	9,656	3/4	24,832	3/4	39,917	3/4	54,499	3/4	69,676	3/4	84,853	3/4	100,030	3/4	115,205	3/4	130,377	3/4	145,548
8	9,972	8	25,148	8	40,219	8	54,815	8	69,992	8	85,169	8	100,347	8	115,521	8	130,693	8	145,864
1/4	10,288	1/4	25,464	1/4	40,521	1/4	55,131	1/4	70,308	1/4	85,486	1/4	100,663	1/4	115,839	1/4	131,009	1/4	146,181
1/2	10,604	1/2	25,781	1/2	40,822	1/2	55,447	1/2	70,624	1/2	85,802	1/2	100,979	1/2	116,154	1/2	131,325	1/2	146,497
3/4	10,920	3/4	26,097	3/4	41,124	3/4	55,763	3/4	70,941	3/4	86,118	3/4	101,295	3/4	116,470	3/4	131,641	3/4	146,813
9	11,236	9	26,413	9	41,426	9	56,080	9	71,257	9	86,434	9	101,611	9	116,785	9	131,957	9	147,129
1/4	11,553	1/4	26,729	1/4	41,728	1/4	56,396	1/4	71,573	1/4	86,750	1/4	101,928	1/4	117,102	1/4	132,273	1/4	147,445
1/2	11,869	1/2	27,045	1/2	42,030	1/2	56,712	1/2	71,889	1/2	87,066	1/2	102,244	1/2	117,418	1/2	132,589	1/2	147,761
3/4	12,185	3/4	27,362	3/4	42,331	3/4	57,028	3/4	72,205	3/4	87,383	3/4	102,560	3/4	117,734	3/4	132,905	3/4	148,077
10	12,501	10	27,678	10	42,633	10	57,344	10	72,522	10	87,699	10	102,876	10	118,050	10	133,221	10	148,393
1/4	12,817	1/4	27,994	1/4	42,935	1/4	57,661	1/4	72,838	1/4	88,015	1/4	103,192	1/4	118,366	1/4	133,537	1/4	148,709
1/2	13,133	1/2	28,310	1/2	43,237	1/2	57,977	1/2	73,154	1/2	88,331	1/2	103,509	1/2	118,682	1/2	133,854	1/2	149,025
3/4	13,450	3/4	28,626	3/4	43,539	3/4	58,293	3/4	73,470	3/4	88,647	3/4	103,825	3/4	118,998	3/4	134,170	3/4	149,341
11	13,766	11	28,942	11	43,840	11	58,609	11	73,786	11	88,964	11	104,141	11	119,314	11	134,486	11	149,657
1/4	14,082	1/4	29,259	1/4	44,142	1/4	58,925	1/4	74,103	1/4	89,280	1/4	104,457	1/4	119,630	1/4	134,802	1/4	149,973
1/2	14,398	1/2	29,575	1/2	44,444	1/2	59,242	1/2	74,419	1/2	89,596	1/2	104,773	1/2	119,946	1/2	135,118	1/2	150,289
3/4	14,714	3/4	29,891	3/4	44,746	3/4	59,558	3/4	74,735	3/4	89,912	3/4	105,089	3/4	120,262	3/4	135,434	3/4	150,606

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 396"

2 STBD
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	150,922	0	166,093	0	181,236	0	195,816	0	209,631	0		0		0		0		0	
1/4	151,238	1/4	166,409	1/4	181,547	1/4	196,112	1/4	209,941	1/4		1/4		1/4		1/4		1/4	
1/2	151,554	1/2	166,725	1/2	181,858	1/2	196,407	1/2	210,251	1/2		1/2		1/2		1/2		1/2	
3/4	151,870	3/4	167,041	3/4	182,169	3/4	196,702	3/4	210,561	3/4		3/4		3/4		3/4		3/4	
1	152,186	1	167,358	1	182,480	1	196,997	1	210,870	1		1		1		1		1	
1/4	152,502	1/4	167,674	1/4	182,789	1/4	197,290	1/4	211,182	1/4		1/4		1/4		1/4		1/4	
1/2	152,818	1/2	167,990	1/2	183,099	1/2	197,582	1/2	211,494	1/2		1/2		1/2		1/2		1/2	
3/4	153,134	3/4	168,306	3/4	183,409	3/4	197,875	3/4	211,806	3/4		3/4		3/4		3/4		3/4	
2	153,450	2	168,622	2	183,719	2	198,168	2	212,118	2		2		2		2		2	
1/4	153,766	1/4	168,938	1/4	184,027	1/4	198,459	1/4	212,430	1/4		1/4		1/4		1/4		1/4	
1/2	154,082	1/2	169,254	1/2	184,336	1/2	198,750	1/2	212,742	1/2		1/2		1/2		1/2		1/2	
3/4	154,398	3/4	169,570	3/4	184,644	3/4	199,041	3/4	213,054	3/4		3/4		3/4		3/4		3/4	
3	154,715	3	169,886	3	184,953	3	199,332	3	213,366	3		3		3		3		3	
1/4	155,031	1/4	170,202	1/4	185,260	1/4	199,622	1/4	213,678	1/4		1/4		1/4		1/4		1/4	
1/2	155,347	1/2	170,518	1/2	185,567	1/2	199,912	1/2	213,990	1/2		1/2		1/2		1/2		1/2	
3/4	155,663	3/4	170,834	3/4	185,874	3/4	200,202	3/4	214,302	3/4		3/4		3/4		3/4		3/4	
4	155,979	4	171,150	4	186,181	4	200,492	4	214,614	4		4		4		4		4	
1/4	156,295	1/4	171,467	1/4	186,487	1/4	200,781	1/4	214,926	1/4		1/4		1/4		1/4		1/4	
1/2	156,611	1/2	171,783	1/2	186,793	1/2	201,069	1/2	215,238	1/2		1/2		1/2		1/2		1/2	
3/4	156,927	3/4	172,099	3/4	187,098	3/4	201,358	3/4	215,550	3/4		3/4		3/4		3/4		3/4	
5	157,243	5	172,415	5	187,404	5	201,646	5	215,862	5		5		5		5		5	
1/4	157,559	1/4	172,731	1/4	187,709	1/4	201,934	1/4	216,168	1/4		1/4		1/4		1/4		1/4	
1/2	157,875	1/2	173,047	1/2	188,013	1/2	202,221	1/2	216,474	1/2		1/2		1/2		1/2		1/2	
3/4	158,191	3/4	173,363	3/4	188,317	3/4	202,508	3/4	216,780	3/4		3/4		3/4		3/4		3/4	
6	158,507	6	173,679	6	188,622	6	202,795	6	217,086	6		6		6		6		6	
1/4	158,824	1/4	173,995	1/4	188,925	1/4	203,081	1/4	217,351	1/4		1/4		1/4		1/4		1/4	
1/2	159,140	1/2	174,311	1/2	189,228	1/2	203,367	1/2	217,616	1/2		1/2		1/2		1/2		1/2	
3/4	159,456	3/4	174,627	3/4	189,531	3/4	203,653	3/4	217,881	3/4		3/4		3/4		3/4		3/4	
7	159,772	7	174,943	7	189,834	7	203,938	7	218,146	7		7		7		7		7	
1/4	160,088	1/4	175,259	1/4	190,136	1/4	204,223	1/4	218,360	1/4		1/4		1/4		1/4		1/4	
1/2	160,404	1/2	175,576	1/2	190,438	1/2	204,508	1/2	218,575	1/2		1/2		1/2		1/2		1/2	
3/4	160,720	3/4	175,892	3/4	190,740	3/4	204,792	3/4	218,789	3/4		3/4		3/4		3/4		3/4	
8	161,036	8	176,208	8	191,041	8	205,077	8	219,003	8		8		8		8		8	
1/4	161,352	1/4	176,524	1/4	191,342	1/4	205,360	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,668	1/2	176,839	1/2	191,642	1/2	205,644	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,984	3/4	177,155	3/4	191,943	3/4	205,927	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,300	9	177,471	9	192,243	9	206,210	9		9		9		9		9		9	
1/4	162,616	1/4	177,786	1/4	192,542	1/4	206,492	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,933	1/2	178,101	1/2	192,841	1/2	206,774	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,249	3/4	178,416	3/4	193,140	3/4	207,056	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,565	10	178,731	10	193,439	10	207,338	10		10		10		10		10		10	
1/4	163,881	1/4	179,045	1/4	193,737	1/4	207,619	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,197	1/2	179,359	1/2	194,035	1/2	207,900	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,513	3/4	179,673	3/4	194,332	3/4	208,180	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,829	11	179,986	11	194,630	11	208,461	11		11		11		11		11		11	
1/4	165,145	1/4	180,299	1/4	194,927	1/4	208,753	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,461	1/2	180,611	1/2	195,223	1/2	209,046	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,777	3/4	180,923	3/4	195,520	3/4	209,339	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 396"

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	892	0	14,970	0	30,085	0	45,191	0	60,299	0	75,415	0	90,529	0	105,641	0	120,745	0	135,812
1/4	1,068	1/4	15,285	1/4	30,399	1/4	45,505	1/4	60,614	1/4	75,730	1/4	90,844	1/4	105,956	1/4	121,059	1/4	136,124
1/2	1,246	1/2	15,599	1/2	30,714	1/2	45,820	1/2	60,929	1/2	76,045	1/2	91,159	1/2	106,271	1/2	121,373	1/2	136,437
3/4	1,423	3/4	15,914	3/4	31,029	3/4	46,134	3/4	61,244	3/4	76,359	3/4	91,473	3/4	106,585	3/4	121,687	3/4	136,750
1	1,600	1	16,229	1	31,344	1	46,449	1	61,559	1	76,674	1	91,788	1	106,900	1	122,002	1	137,063
1/4	1,830	1/4	16,544	1/4	31,659	1/4	46,763	1/4	61,874	1/4	76,989	1/4	92,103	1/4	107,215	1/4	122,316	1/4	137,376
1/2	2,059	1/2	16,859	1/2	31,974	1/2	47,078	1/2	62,189	1/2	77,304	1/2	92,418	1/2	107,530	1/2	122,630	1/2	137,688
3/4	2,289	3/4	17,174	3/4	32,289	3/4	47,392	3/4	62,504	3/4	77,619	3/4	92,733	3/4	107,845	3/4	122,944	3/4	138,001
2	2,518	2	17,489	2	32,604	2	47,707	2	62,818	2	77,934	2	93,048	2	108,160	2	123,259	2	138,314
1/4	2,800	1/4	17,806	1/4	32,919	1/4	48,021	1/4	63,133	1/4	78,249	1/4	93,362	1/4	108,474	1/4	123,573	1/4	138,627
1/2	3,082	1/2	18,120	1/2	33,233	1/2	48,336	1/2	63,448	1/2	78,564	1/2	93,677	1/2	108,789	1/2	123,887	1/2	138,940
3/4	3,365	3/4	18,434	3/4	33,548	3/4	48,650	3/4	63,763	3/4	78,879	3/4	93,992	3/4	109,104	3/4	124,201	3/4	139,252
3	3,647	3	18,748	3	33,863	3	48,965	3	64,078	3	79,194	3	94,307	3	109,419	3	124,516	3	139,565
1/4	3,958	1/4	19,063	1/4	34,178	1/4	49,279	1/4	64,393	1/4	79,509	1/4	94,622	1/4	109,734	1/4	124,830	1/4	139,879
1/2	4,270	1/2	19,378	1/2	34,493	1/2	49,594	1/2	64,708	1/2	79,823	1/2	94,937	1/2	110,048	1/2	125,144	1/2	140,192
3/4	4,581	3/4	19,693	3/4	34,808	3/4	49,908	3/4	65,023	3/4	80,138	3/4	95,251	3/4	110,363	3/4	125,458	3/4	140,505
4	4,893	4	20,008	4	35,123	4	50,223	4	65,338	4	80,453	4	95,566	4	110,678	4	125,772	4	140,819
1/4	5,208	1/4	20,323	1/4	35,438	1/4	50,538	1/4	65,653	1/4	80,768	1/4	95,881	1/4	110,993	1/4	126,087	1/4	141,132
1/2	5,523	1/2	20,638	1/2	35,753	1/2	50,852	1/2	65,968	1/2	81,083	1/2	96,196	1/2	111,307	1/2	126,401	1/2	141,446
3/4	5,838	3/4	20,953	3/4	36,068	3/4	51,167	3/4	66,282	3/4	81,398	3/4	96,511	3/4	111,622	3/4	126,715	3/4	141,759
5	6,153	5	21,267	5	36,382	5	51,482	5	66,597	5	81,713	5	96,826	5	111,937	5	127,029	5	142,072
1/4	6,468	1/4	21,582	1/4	36,697	1/4	51,797	1/4	66,912	1/4	82,028	1/4	97,140	1/4	112,252	1/4	127,344	1/4	142,386
1/2	6,782	1/2	21,897	1/2	37,012	1/2	52,112	1/2	67,227	1/2	82,343	1/2	97,455	1/2	112,567	1/2	127,658	1/2	142,699
3/4	7,097	3/4	22,212	3/4	37,327	3/4	52,427	3/4	67,542	3/4	82,658	3/4	97,770	3/4	112,881	3/4	127,972	3/4	143,013
6	7,412	6	22,527	6	37,642	6	52,741	6	67,857	6	82,973	6	98,085	6	113,196	6	128,286	6	143,326
1/4	7,725	1/4	22,842	1/4	37,957	1/4	53,056	1/4	68,172	1/4	83,287	1/4	98,400	1/4	113,511	1/4	128,601	1/4	143,640
1/2	8,041	1/2	23,157	1/2	38,271	1/2	53,371	1/2	68,487	1/2	83,602	1/2	98,715	1/2	113,826	1/2	128,915	1/2	143,953
3/4	8,356	3/4	23,472	3/4	38,586	3/4	53,686	3/4	68,802	3/4	83,917	3/4	99,029	3/4	114,140	3/4	129,229	3/4	144,267
7	8,672	7	23,787	7	38,901	7	54,001	7	69,117	7	84,232	7	99,344	7	114,455	7	129,543	7	144,580
1/4	8,987	1/4	24,102	1/4	39,215	1/4	54,316	1/4	69,432	1/4	84,547	1/4	99,659	1/4	114,770	1/4	129,858	1/4	144,894
1/2	9,302	1/2	24,416	1/2	39,530	1/2	54,631	1/2	69,746	1/2	84,862	1/2	99,974	1/2	115,085	1/2	130,172	1/2	145,207
3/4	9,616	3/4	24,731	3/4	39,844	3/4	54,946	3/4	70,061	3/4	85,177	3/4	100,289	3/4	115,399	3/4	130,486	3/4	145,520
8	9,931	8	25,046	8	40,159	8	55,261	8	70,376	8	85,492	8	100,604	8	115,714	8	130,800	8	145,834
1/4	10,246	1/4	25,361	1/4	40,473	1/4	55,576	1/4	70,691	1/4	85,807	1/4	100,918	1/4	116,029	1/4	131,114	1/4	146,147
1/2	10,561	1/2	25,676	1/2	40,788	1/2	55,891	1/2	71,006	1/2	86,121	1/2	101,233	1/2	116,344	1/2	131,429	1/2	146,461
3/4	10,876	3/4	25,991	3/4	41,102	3/4	56,205	3/4	71,321	3/4	86,436	3/4	101,548	3/4	116,659	3/4	131,743	3/4	146,774
9	11,191	9	26,306	9	41,417	9	56,520	9	71,636	9	86,751	9	101,863	9	116,974	9	132,057	9	147,088
1/4	11,506	1/4	26,621	1/4	41,731	1/4	56,835	1/4	71,951	1/4	87,066	1/4	102,178	1/4	117,288	1/4	132,370	1/4	147,275
1/2	11,821	1/2	26,936	1/2	42,046	1/2	57,150	1/2	72,266	1/2	87,381	1/2	102,493	1/2	117,602	1/2	132,683	1/2	147,463
3/4	12,136	3/4	27,250	3/4	42,360	3/4	57,465	3/4	72,581	3/4	87,695	3/4	102,807	3/4	117,917	3/4	132,996	3/4	147,650
10	12,450	10	27,565	10	42,675	10	57,780	10	72,895	10	88,010	10	103,122	10	118,231	10	133,309	10	147,838
1/4	12,765	1/4	27,880	1/4	42,989	1/4	58,095	1/4	73,210	1/4	88,325	1/4	103,437	1/4	118,545	1/4	133,622	1/4	148,007
1/2	13,080	1/2	28,195	1/2	43,304	1/2	58,410	1/2	73,525	1/2	88,640	1/2	103,752	1/2	118,859	1/2	133,935	1/2	148,177
3/4	13,395	3/4	28,510	3/4	43,618	3/4	58,725	3/4	73,840	3/4	88,955	3/4	104,067	3/4	119,174	3/4	134,248	3/4	148,346
11	13,710	11	28,825	11	43,933	11	59,040	11	74,155	11	89,270	11	104,382	11	119,488	11	134,560	11	148,516
1/4	14,025	1/4	29,140	1/4	44,247	1/4	59,355	1/4	74,470	1/4	89,584	1/4	104,696	1/4	119,802	1/4	134,873	1/4	148,686
1/2	14,340	1/2	29,455	1/2	44,562	1/2	59,669	1/2	74,785	1/2	89,899	1/2	105,011	1/2	120,116	1/2	135,186	1/2	148,855
3/4	14,655	3/4	29,770	3/4	44,876	3/4	59,984	3/4	75,100	3/4	90,214	3/4	105,326	3/4	120,430	3/4	135,499	3/4	149,025

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
& ANALYSIS, INC.

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BARGE "CBC 396"

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	149,194	0	157,332	0	165,441	0	172,990	0	179,807	0		0		0		0		0	
1/4	149,364	1/4	157,502	1/4	165,606	1/4	173,139	1/4	179,972	1/4		1/4		1/4		1/4		1/4	
1/2	149,533	1/2	157,671	1/2	165,770	1/2	173,288	1/2	180,137	1/2		1/2		1/2		1/2		1/2	
3/4	149,703	3/4	157,841	3/4	165,935	3/4	173,436	3/4	180,302	3/4		3/4		3/4		3/4		3/4	
1	149,872	1	158,010	1	166,099	1	173,585	1	180,467	1		1		1		1		1	
1/4	150,042	1/4	158,180	1/4	166,262	1/4	173,732	1/4	180,634	1/4		1/4		1/4		1/4		1/4	
1/2	150,211	1/2	158,349	1/2	166,426	1/2	173,879	1/2	180,802	1/2		1/2		1/2		1/2		1/2	
3/4	150,381	3/4	158,519	3/4	166,589	3/4	174,025	3/4	180,969	3/4		3/4		3/4		3/4		3/4	
2	150,551	2	158,688	2	166,752	2	174,172	2	181,136	2		2		2		2		2	
1/4	150,720	1/4	158,858	1/4	166,914	1/4	174,317	1/4	181,304	1/4		1/4		1/4		1/4		1/4	
1/2	150,890	1/2	159,027	1/2	167,076	1/2	174,463	1/2	181,471	1/2		1/2		1/2		1/2		1/2	
3/4	151,059	3/4	159,197	3/4	167,238	3/4	174,608	3/4	181,638	3/4		3/4		3/4		3/4		3/4	
3	151,229	3	159,367	3	167,400	3	174,754	3	181,806	3		3		3		3		3	
1/4	151,398	1/4	159,536	1/4	167,561	1/4	174,898	1/4	181,973	1/4		1/4		1/4		1/4		1/4	
1/2	151,568	1/2	159,706	1/2	167,721	1/2	175,042	1/2	182,140	1/2		1/2		1/2		1/2		1/2	
3/4	151,737	3/4	159,875	3/4	167,882	3/4	175,186	3/4	182,308	3/4		3/4		3/4		3/4		3/4	
4	151,907	4	160,045	4	168,043	4	175,330	4	182,475	4		4		4		4		4	
1/4	152,076	1/4	160,214	1/4	168,202	1/4	175,473	1/4	182,642	1/4		1/4		1/4		1/4		1/4	
1/2	152,246	1/2	160,384	1/2	168,361	1/2	175,616	1/2	182,810	1/2		1/2		1/2		1/2		1/2	
3/4	152,415	3/4	160,553	3/4	168,520	3/4	175,758	3/4	182,977	3/4		3/4		3/4		3/4		3/4	
5	152,585	5	160,723	5	168,679	5	175,901	5	183,144	5		5		5		5		5	
1/4	152,755	1/4	160,892	1/4	168,837	1/4	176,042	1/4	183,306	1/4		1/4		1/4		1/4		1/4	
1/2	152,924	1/2	161,062	1/2	168,995	1/2	176,184	1/2	183,468	1/2		1/2		1/2		1/2		1/2	
3/4	153,094	3/4	161,232	3/4	169,153	3/4	176,325	3/4	183,629	3/4		3/4		3/4		3/4		3/4	
6	153,263	6	161,401	6	169,311	6	176,466	6	183,791	6		6		6		6		6	
1/4	153,433	1/4	161,571	1/4	169,468	1/4	176,606	1/4	183,912	1/4		1/4		1/4		1/4		1/4	
1/2	153,602	1/2	161,740	1/2	169,625	1/2	176,746	1/2	184,032	1/2		1/2		1/2		1/2		1/2	
3/4	153,772	3/4	161,910	3/4	169,781	3/4	176,886	3/4	184,153	3/4		3/4		3/4		3/4		3/4	
7	153,941	7	162,079	7	169,938	7	177,026	7	184,273	7		7		7		7		7	
1/4	154,111	1/4	162,249	1/4	170,093	1/4	177,165	1/4	184,343	1/4		1/4		1/4		1/4		1/4	
1/2	154,280	1/2	162,418	1/2	170,248	1/2	177,304	1/2	184,412	1/2		1/2		1/2		1/2		1/2	
3/4	154,450	3/4	162,588	3/4	170,404	3/4	177,443	3/4	184,482	3/4		3/4		3/4		3/4		3/4	
8	154,619	8	162,757	8	170,559	8	177,582	8	184,551	8		8		8		8		8	
1/4	154,789	1/4	162,927	1/4	170,713	1/4	177,719	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,959	1/2	163,096	1/2	170,867	1/2	177,857	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,128	3/4	163,265	3/4	171,021	3/4	177,994	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,298	9	163,435	9	171,174	9	178,132	9		9		9		9		9		9	
1/4	155,467	1/4	163,603	1/4	171,327	1/4	178,268	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,637	1/2	163,772	1/2	171,480	1/2	178,404	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,806	3/4	163,940	3/4	171,632	3/4	178,540	3/4		3/4		3/4		3/4		3/4		3/4	
10	155,976	10	164,109	10	171,785	10	178,676	10		10		10		10		10		10	
1/4	156,145	1/4	164,276	1/4	171,936	1/4	178,811	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,315	1/2	164,443	1/2	172,087	1/2	178,946	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,484	3/4	164,611	3/4	172,239	3/4	179,080	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,654	11	164,778	11	172,390	11	179,215	11		11		11		11		11		11	
1/4	156,823	1/4	164,944	1/4	172,540	1/4	179,363	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,993	1/2	165,109	1/2	172,690	1/2	179,511	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,163	3/4	165,275	3/4	172,840	3/4	179,659	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
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BARGE "CBC 396"

3 STBD

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	892	0	14,953	0	30,050	0	44,662	0	59,482	0	74,553	0	89,645	0	104,734	0	119,815	0	134,851
1/4	1,069	1/4	15,268	1/4	30,365	1/4	44,962	1/4	59,794	1/4	74,868	1/4	89,959	1/4	105,048	1/4	120,129	1/4	135,164
1/2	1,246	1/2	15,582	1/2	30,679	1/2	45,263	1/2	60,106	1/2	75,182	1/2	90,273	1/2	105,363	1/2	120,442	1/2	135,476
3/4	1,423	3/4	15,897	3/4	30,994	3/4	45,563	3/4	60,418	3/4	75,496	3/4	90,588	3/4	105,677	3/4	120,756	3/4	135,788
1	1,601	1	16,211	1	31,308	1	45,864	1	60,730	1	75,811	1	90,902	1	105,991	1	121,070	1	136,101
1/4	1,830	1/4	16,526	1/4	31,623	1/4	46,164	1/4	61,042	1/4	76,125	1/4	91,216	1/4	106,306	1/4	121,383	1/4	136,413
1/2	2,059	1/2	16,840	1/2	31,937	1/2	46,464	1/2	61,353	1/2	76,440	1/2	91,531	1/2	106,620	1/2	121,697	1/2	136,725
3/4	2,288	3/4	17,155	3/4	32,252	3/4	46,765	3/4	61,665	3/4	76,754	3/4	91,845	3/4	106,934	3/4	122,010	3/4	137,038
2	2,518	2	17,469	2	32,566	2	47,065	2	61,977	2	77,069	2	92,160	2	107,249	2	122,324	2	137,350
1/4	2,799	1/4	17,786	1/4	32,881	1/4	47,365	1/4	62,291	1/4	77,383	1/4	92,474	1/4	107,563	1/4	122,637	1/4	137,662
1/2	3,080	1/2	18,100	1/2	33,195	1/2	47,666	1/2	62,605	1/2	77,698	1/2	92,788	1/2	107,877	1/2	122,951	1/2	137,975
3/4	3,362	3/4	18,414	3/4	33,510	3/4	47,966	3/4	62,920	3/4	78,012	3/4	93,103	3/4	108,192	3/4	123,264	3/4	138,287
3	3,643	3	18,727	3	33,824	3	48,266	3	63,234	3	78,326	3	93,417	3	108,506	3	123,578	3	138,599
1/4	3,954	1/4	19,042	1/4	34,128	1/4	48,577	1/4	63,548	1/4	78,641	1/4	93,731	1/4	108,820	1/4	123,891	1/4	138,912
1/2	4,265	1/2	19,356	1/2	34,432	1/2	48,888	1/2	63,862	1/2	78,955	1/2	94,046	1/2	109,135	1/2	124,205	1/2	139,225
3/4	4,576	3/4	19,671	3/4	34,737	3/4	49,199	3/4	64,177	3/4	79,270	3/4	94,360	3/4	109,449	3/4	124,518	3/4	139,538
4	4,888	4	19,985	4	35,041	4	49,509	4	64,491	4	79,584	4	94,674	4	109,763	4	124,831	4	139,851
1/4	5,202	1/4	20,300	1/4	35,342	1/4	49,821	1/4	64,806	1/4	79,899	1/4	94,989	1/4	110,076	1/4	125,145	1/4	140,164
1/2	5,517	1/2	20,615	1/2	35,644	1/2	50,132	1/2	65,120	1/2	80,213	1/2	95,303	1/2	110,391	1/2	125,458	1/2	140,477
3/4	5,832	3/4	20,929	3/4	35,945	3/4	50,443	3/4	65,435	3/4	80,527	3/4	95,617	3/4	110,706	3/4	125,772	3/4	140,790
5	6,147	5	21,244	5	36,247	5	50,754	5	65,749	5	80,842	5	95,932	5	111,020	5	126,085	5	141,103
1/4	6,461	1/4	21,558	1/4	36,548	1/4	51,065	1/4	66,064	1/4	81,156	1/4	96,246	1/4	111,335	1/4	126,399	1/4	141,416
1/2	6,776	1/2	21,873	1/2	36,850	1/2	51,376	1/2	66,378	1/2	81,471	1/2	96,561	1/2	111,649	1/2	126,712	1/2	141,729
3/4	7,090	3/4	22,187	3/4	37,151	3/4	51,688	3/4	66,692	3/4	81,785	3/4	96,875	3/4	111,963	3/4	127,026	3/4	142,042
6	7,405	6	22,502	6	37,453	6	51,999	6	67,007	6	82,100	6	97,189	6	112,278	6	127,339	6	142,355
1/4	7,717	1/4	22,816	1/4	37,753	1/4	52,310	1/4	67,321	1/4	82,414	1/4	97,504	1/4	112,592	1/4	127,652	1/4	142,668
1/2	8,032	1/2	23,131	1/2	38,054	1/2	52,622	1/2	67,636	1/2	82,728	1/2	97,818	1/2	112,906	1/2	127,966	1/2	142,981
3/4	8,348	3/4	23,445	3/4	38,354	3/4	52,934	3/4	67,950	3/4	83,043	3/4	98,132	3/4	113,220	3/4	128,279	3/4	143,294
7	8,663	7	23,760	7	38,655	7	53,246	7	68,265	7	83,357	7	98,447	7	113,535	7	128,593	7	143,607
1/4	8,977	1/4	24,074	1/4	38,955	1/4	53,558	1/4	68,579	1/4	83,672	1/4	98,761	1/4	113,849	1/4	128,907	1/4	143,920
1/2	9,292	1/2	24,389	1/2	39,256	1/2	53,869	1/2	68,893	1/2	83,986	1/2	99,075	1/2	114,163	1/2	129,220	1/2	144,233
3/4	9,606	3/4	24,703	3/4	39,556	3/4	54,181	3/4	69,208	3/4	84,301	3/4	99,390	3/4	114,478	3/4	129,534	3/4	144,546
8	9,921	8	25,018	8	39,856	8	54,493	8	69,522	8	84,615	8	99,704	8	114,792	8	129,848	8	144,859
1/4	10,235	1/4	25,332	1/4	40,157	1/4	54,805	1/4	69,837	1/4	84,929	1/4	100,018	1/4	115,108	1/4	130,161	1/4	145,172
1/2	10,550	1/2	25,647	1/2	40,457	1/2	55,117	1/2	70,151	1/2	85,244	1/2	100,333	1/2	115,422	1/2	130,475	1/2	145,485
3/4	10,865	3/4	25,961	3/4	40,758	3/4	55,429	3/4	70,466	3/4	85,558	3/4	100,647	3/4	115,736	3/4	130,789	3/4	145,797
9	11,179	9	26,276	9	41,058	9	55,740	9	70,780	9	85,872	9	100,962	9	116,049	9	131,103	9	146,110
1/4	11,494	1/4	26,590	1/4	41,358	1/4	56,052	1/4	71,094	1/4	86,187	1/4	101,276	1/4	116,363	1/4	131,415	1/4	146,297
1/2	11,808	1/2	26,905	1/2	41,659	1/2	56,364	1/2	71,409	1/2	86,501	1/2	101,590	1/2	116,677	1/2	131,728	1/2	146,484
3/4	12,123	3/4	27,219	3/4	41,959	3/4	56,676	3/4	71,723	3/4	86,815	3/4	101,905	3/4	116,991	3/4	132,040	3/4	146,671
10	12,437	10	27,534	10	42,259	10	56,988	10	72,038	10	87,130	10	102,219	10	117,305	10	132,353	10	146,858
1/4	12,752	1/4	27,848	1/4	42,560	1/4	57,300	1/4	72,352	1/4	87,444	1/4	102,533	1/4	117,619	1/4	132,665	1/4	147,027
1/2	13,066	1/2	28,163	1/2	42,860	1/2	57,611	1/2	72,667	1/2	87,759	1/2	102,848	1/2	117,932	1/2	132,977	1/2	147,196
3/4	13,381	3/4	28,477	3/4	43,160	3/4	57,923	3/4	72,981	3/4	88,073	3/4	103,162	3/4	118,246	3/4	133,290	3/4	147,365
11	13,695	11	28,792	11	43,461	11	58,235	11	73,295	11	88,387	11	103,476	11	118,560	11	133,602	11	147,534
1/4	14,010	1/4	29,106	1/4	43,761	1/4	58,547	1/4	73,610	1/4	88,702	1/4	103,791	1/4	118,874	1/4	133,914	1/4	147,703
1/2	14,324	1/2	29,421	1/2	44,061	1/2	58,859	1/2	73,924	1/2	89,016	1/2	104,105	1/2	119,187	1/2	134,227	1/2	147,872
3/4	14,639	3/4	29,735	3/4	44,362	3/4	59,171	3/4	74,239	3/4	89,330	3/4	104,419	3/4	119,501	3/4	134,539	3/4	148,041

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
& ANALYSIS, INC.

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BARGE "CBC 396"

**3 STBD
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	148,210	0	156,322	0	164,405	0	171,928	0	178,717	0		0		0		0		0	
1/4	148,379	1/4	156,491	1/4	164,569	1/4	172,076	1/4	178,882	1/4		1/4		1/4		1/4		1/4	
1/2	148,548	1/2	156,660	1/2	164,733	1/2	172,224	1/2	179,047	1/2		1/2		1/2		1/2		1/2	
3/4	148,717	3/4	156,829	3/4	164,897	3/4	172,372	3/4	179,211	3/4		3/4		3/4		3/4		3/4	
1	148,886	1	156,998	1	165,061	1	172,520	1	179,376	1		1		1		1		1	
1/4	149,055	1/4	157,167	1/4	165,224	1/4	172,667	1/4	179,543	1/4		1/4		1/4		1/4		1/4	
1/2	149,224	1/2	157,336	1/2	165,386	1/2	172,813	1/2	179,709	1/2		1/2		1/2		1/2		1/2	
3/4	149,393	3/4	157,505	3/4	165,549	3/4	172,959	3/4	179,876	3/4		3/4		3/4		3/4		3/4	
2	149,562	2	157,674	2	165,712	2	173,105	2	180,043	2		2		2		2		2	
1/4	149,731	1/4	157,843	1/4	165,873	1/4	173,250	1/4	180,210	1/4		1/4		1/4		1/4		1/4	
1/2	149,900	1/2	158,012	1/2	166,035	1/2	173,395	1/2	180,376	1/2		1/2		1/2		1/2		1/2	
3/4	150,069	3/4	158,181	3/4	166,196	3/4	173,540	3/4	180,543	3/4		3/4		3/4		3/4		3/4	
3	150,238	3	158,350	3	166,358	3	173,684	3	180,710	3		3		3		3		3	
1/4	150,407	1/4	158,519	1/4	166,518	1/4	173,828	1/4	180,877	1/4		1/4		1/4		1/4		1/4	
1/2	150,576	1/2	158,688	1/2	166,678	1/2	173,972	1/2	181,043	1/2		1/2		1/2		1/2		1/2	
3/4	150,745	3/4	158,857	3/4	166,838	3/4	174,115	3/4	181,210	3/4		3/4		3/4		3/4		3/4	
4	150,914	4	159,026	4	166,998	4	174,259	4	181,377	4		4		4		4		4	
1/4	151,083	1/4	159,195	1/4	167,157	1/4	174,401	1/4	181,544	1/4		1/4		1/4		1/4		1/4	
1/2	151,252	1/2	159,364	1/2	167,315	1/2	174,543	1/2	181,711	1/2		1/2		1/2		1/2		1/2	
3/4	151,421	3/4	159,533	3/4	167,474	3/4	174,685	3/4	181,877	3/4		3/4		3/4		3/4		3/4	
5	151,590	5	159,702	5	167,632	5	174,827	5	182,044	5		5		5		5		5	
1/4	151,759	1/4	159,871	1/4	167,790	1/4	174,968	1/4	182,205	1/4		1/4		1/4		1/4		1/4	
1/2	151,928	1/2	160,040	1/2	167,947	1/2	175,109	1/2	182,366	1/2		1/2		1/2		1/2		1/2	
3/4	152,097	3/4	160,209	3/4	168,105	3/4	175,250	3/4	182,527	3/4		3/4		3/4		3/4		3/4	
6	152,266	6	160,378	6	168,262	6	175,390	6	182,688	6		6		6		6		6	
1/4	152,435	1/4	160,547	1/4	168,418	1/4	175,530	1/4	182,809	1/4		1/4		1/4		1/4		1/4	
1/2	152,604	1/2	160,716	1/2	168,574	1/2	175,669	1/2	182,929	1/2		1/2		1/2		1/2		1/2	
3/4	152,773	3/4	160,885	3/4	168,730	3/4	175,809	3/4	183,049	3/4		3/4		3/4		3/4		3/4	
7	152,942	7	161,054	7	168,886	7	175,948	7	183,169	7		7		7		7		7	
1/4	153,111	1/4	161,223	1/4	169,041	1/4	176,087	1/4	183,238	1/4		1/4		1/4		1/4		1/4	
1/2	153,280	1/2	161,392	1/2	169,196	1/2	176,225	1/2	183,306	1/2		1/2		1/2		1/2		1/2	
3/4	153,449	3/4	161,561	3/4	169,351	3/4	176,363	3/4	183,375	3/4		3/4		3/4		3/4		3/4	
8	153,618	8	161,730	8	169,505	8	176,501	8	183,444	8		8		8		8		8	
1/4	153,787	1/4	161,899	1/4	169,659	1/4	176,638	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,956	1/2	162,068	1/2	169,812	1/2	176,775	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,125	3/4	162,236	3/4	169,965	3/4	176,912	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,294	9	162,405	9	170,119	9	177,049	9		9		9		9		9		9	
1/4	154,463	1/4	162,573	1/4	170,271	1/4	177,185	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,632	1/2	162,741	1/2	170,423	1/2	177,320	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,801	3/4	162,909	3/4	170,575	3/4	177,456	3/4		3/4		3/4		3/4		3/4		3/4	
10	154,970	10	163,077	10	170,727	10	177,591	10		10		10		10		10		10	
1/4	155,139	1/4	163,244	1/4	170,878	1/4	177,726	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,308	1/2	163,411	1/2	171,028	1/2	177,860	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,477	3/4	163,577	3/4	171,179	3/4	177,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,646	11	163,744	11	171,330	11	178,128	11		11		11		11		11		11	
1/4	155,815	1/4	163,909	1/4	171,479	1/4	178,275	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,984	1/2	164,074	1/2	171,629	1/2	178,423	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,153	3/4	164,240	3/4	171,778	3/4	178,570	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 396"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-03"

December 16, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 396"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	206,795	0	192,724	0	177,850	0	162,622	0	147,394	0	132,166	0	116,938	0	101,707
1/4		1/4	220,489	1/4	206,510	1/4	192,423	1/4	177,533	1/4	162,305	1/4	147,077	1/4	131,849	1/4	116,621	1/4	101,389
1/2		1/2	220,274	1/2	206,225	1/2	192,120	1/2	177,216	1/2	161,988	1/2	146,760	1/2	131,532	1/2	116,304	1/2	101,072
3/4		3/4	220,059	3/4	205,939	3/4	191,817	3/4	176,899	3/4	161,671	3/4	146,443	3/4	131,214	3/4	115,986	3/4	100,755
1		1	219,844	1	205,653	1	191,514	1	176,581	1	161,353	1	146,125	1	130,897	1	115,669	1	100,437
1/4		1/4	219,629	1/4	205,368	1/4	191,211	1/4	176,264	1/4	161,036	1/4	145,808	1/4	130,580	1/4	115,352	1/4	100,120
1/2		1/2	219,363	1/2	205,081	1/2	190,907	1/2	175,947	1/2	160,719	1/2	145,491	1/2	130,263	1/2	115,035	1/2	99,802
3/4		3/4	219,097	3/4	204,794	3/4	190,603	3/4	175,630	3/4	160,402	3/4	145,173	3/4	129,945	3/4	114,717	3/4	99,485
2		2	218,831	2	204,507	2	190,298	2	175,312	2	160,084	2	144,856	2	129,628	2	114,400	2	99,168
1/4		1/4	218,565	1/4	204,220	1/4	189,994	1/4	174,995	1/4	159,767	1/4	144,539	1/4	129,311	1/4	114,083	1/4	98,850
1/2		1/2	218,258	1/2	203,932	1/2	189,689	1/2	174,678	1/2	159,450	1/2	144,222	1/2	128,994	1/2	113,766	1/2	98,533
3/4		3/4	217,950	3/4	203,644	3/4	189,383	3/4	174,361	3/4	159,133	3/4	143,904	3/4	128,676	3/4	113,448	3/4	98,216
3		3	217,643	3	203,355	3	189,077	3	174,043	3	158,815	3	143,587	3	128,359	3	113,131	3	97,898
1/4		1/4	217,336	1/4	203,067	1/4	188,772	1/4	173,726	1/4	158,498	1/4	143,270	1/4	128,042	1/4	112,814	1/4	97,581
1/2		1/2	217,022	1/2	202,778	1/2	188,465	1/2	173,409	1/2	158,181	1/2	142,953	1/2	127,725	1/2	112,496	1/2	97,264
3/4		3/4	216,709	3/4	202,488	3/4	188,158	3/4	173,092	3/4	157,864	3/4	142,635	3/4	127,407	3/4	112,179	3/4	96,946
4		4	216,396	4	202,198	4	187,851	4	172,774	4	157,546	4	142,318	4	127,090	4	111,862	4	96,629
1/4		1/4	216,083	1/4	201,909	1/4	187,545	1/4	172,457	1/4	157,229	1/4	142,001	1/4	126,773	1/4	111,545	1/4	96,311
1/2		1/2	215,770	1/2	201,618	1/2	187,236	1/2	172,140	1/2	156,912	1/2	141,684	1/2	126,456	1/2	111,227	1/2	95,994
3/4		3/4	215,457	3/4	201,327	3/4	186,928	3/4	171,823	3/4	156,595	3/4	141,366	3/4	126,138	3/4	110,910	3/4	95,677
5		5	215,144	5	201,036	5	186,620	5	171,505	5	156,277	5	141,049	5	125,821	5	110,593	5	95,359
1/4		1/4	214,831	1/4	200,745	1/4	186,311	1/4	171,188	1/4	155,960	1/4	140,732	1/4	125,504	1/4	110,276	1/4	95,042
1/2		1/2	214,517	1/2	200,452	1/2	186,002	1/2	170,871	1/2	155,643	1/2	140,415	1/2	125,187	1/2	109,958	1/2	94,725
3/4		3/4	214,204	3/4	200,160	3/4	185,692	3/4	170,554	3/4	155,326	3/4	140,097	3/4	124,869	3/4	109,641	3/4	94,407
6		6	213,891	6	199,868	6	185,382	6	170,236	6	155,008	6	139,780	6	124,552	6	109,324	6	94,090
1/4		1/4	213,578	1/4	199,575	1/4	185,073	1/4	169,919	1/4	154,691	1/4	139,463	1/4	124,235	1/4	109,006	1/4	93,772
1/2		1/2	213,265	1/2	199,282	1/2	184,762	1/2	169,602	1/2	154,374	1/2	139,146	1/2	123,918	1/2	108,689	1/2	93,455
3/4		3/4	212,952	3/4	198,988	3/4	184,451	3/4	169,285	3/4	154,057	3/4	138,828	3/4	123,600	3/4	108,371	3/4	93,138
7		7	212,639	7	198,694	7	184,140	7	168,967	7	153,739	7	138,511	7	123,283	7	108,054	7	92,820
1/4		1/4	212,326	1/4	198,400	1/4	183,829	1/4	168,650	1/4	153,422	1/4	138,194	1/4	122,966	1/4	107,737	1/4	92,503
1/2		1/2	212,015	1/2	198,104	1/2	183,517	1/2	168,333	1/2	153,105	1/2	137,877	1/2	122,649	1/2	107,419	1/2	92,186
3/4		3/4	211,704	3/4	197,808	3/4	183,205	3/4	168,016	3/4	152,788	3/4	137,559	3/4	122,331	3/4	107,102	3/4	91,868
8		8	211,393	8	197,512	8	182,892	8	167,698	8	152,470	8	137,242	8	122,014	8	106,785	8	91,551
1/4		1/4	211,082	1/4	197,215	1/4	182,580	1/4	167,381	1/4	152,153	1/4	136,925	1/4	121,697	1/4	106,467	1/4	91,233
1/2		1/2	210,788	1/2	196,918	1/2	182,267	1/2	167,064	1/2	151,836	1/2	136,608	1/2	121,380	1/2	106,150	1/2	90,916
3/4		3/4	210,494	3/4	196,620	3/4	181,953	3/4	166,747	3/4	151,519	3/4	136,290	3/4	121,062	3/4	105,833	3/4	90,599
9		9	210,201	9	196,323	9	181,640	9	166,429	9	151,201	9	135,973	9	120,745	9	105,515	9	90,281
1/4		1/4	209,907	1/4	196,025	1/4	181,326	1/4	166,112	1/4	150,884	1/4	135,656	1/4	120,428	1/4	105,198	1/4	89,964
1/2		1/2	209,625	1/2	195,726	1/2	181,011	1/2	165,795	1/2	150,567	1/2	135,339	1/2	120,111	1/2	104,880	1/2	89,647
3/4		3/4	209,344	3/4	195,427	3/4	180,697	3/4	165,478	3/4	150,250	3/4	135,021	3/4	119,793	3/4	104,563	3/4	89,329
10		10	209,062	10	195,128	10	180,382	10	165,160	10	149,932	10	134,704	10	119,476	10	104,246	10	89,012
1/4		1/4	208,780	1/4	194,829	1/4	180,067	1/4	164,843	1/4	149,615	1/4	134,387	1/4	119,159	1/4	103,928	1/4	88,695
1/2		1/2	208,497	1/2	194,529	1/2	179,750	1/2	164,526	1/2	149,298	1/2	134,070	1/2	118,842	1/2	103,611	1/2	88,377
3/4		3/4	208,214	3/4	194,229	3/4	179,434	3/4	164,209	3/4	148,981	3/4	133,752	3/4	118,524	3/4	103,294	3/4	88,060
11		11	207,931	11	193,929	11	179,118	11	163,891	11	148,663	11	133,435	11	118,207	11	102,976	11	87,742
1/4		1/4	207,648	1/4	193,629	1/4	178,802	1/4	163,574	1/4	148,346	1/4	133,118	1/4	117,890	1/4	102,659	1/4	87,425
1/2		1/2	207,364	1/2	193,327	1/2	178,485	1/2	163,257	1/2	148,029	1/2	132,801	1/2	117,573	1/2	102,341	1/2	87,108
3/4		3/4	207,079	3/4	193,026	3/4	178,167	3/4	162,940	3/4	147,712	3/4	132,483	3/4	117,255	3/4	102,024	3/4	86,790

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 396"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,473	0	71,239	0	56,005	0	40,790	0	25,559	0	10,326	0		0		0		0	
1/4	86,156	1/4	70,922	1/4	55,688	1/4	40,473	1/4	25,242	1/4	10,009	1/4		1/4		1/4		1/4	
1/2	85,838	1/2	70,604	1/2	55,371	1/2	40,156	1/2	24,924	1/2	9,691	1/2		1/2		1/2		1/2	
3/4	85,521	3/4	70,287	3/4	55,053	3/4	39,839	3/4	24,607	3/4	9,374	3/4		3/4		3/4		3/4	
1	85,203	1	69,970	1	54,736	1	39,522	1	24,290	1	9,056	1		1		1		1	
1/4	84,886	1/4	69,652	1/4	54,419	1/4	39,205	1/4	23,972	1/4	8,739	1/4		1/4		1/4		1/4	
1/2	84,569	1/2	69,335	1/2	54,101	1/2	38,888	1/2	23,655	1/2	8,421	1/2		1/2		1/2		1/2	
3/4	84,251	3/4	69,018	3/4	53,784	3/4	38,571	3/4	23,338	3/4	8,103	3/4		3/4		3/4		3/4	
2	83,934	2	68,700	2	53,466	2	38,253	2	23,020	2	7,785	2		2		2		2	
1/4	83,617	1/4	68,383	1/4	53,149	1/4	37,936	1/4	22,703	1/4	7,470	1/4		1/4		1/4		1/4	
1/2	83,299	1/2	68,065	1/2	52,832	1/2	37,619	1/2	22,385	1/2	7,152	1/2		1/2		1/2		1/2	
3/4	82,982	3/4	67,748	3/4	52,514	3/4	37,301	3/4	22,068	3/4	6,835	3/4		3/4		3/4		3/4	
3	82,664	3	67,431	3	52,197	3	36,984	3	21,751	3	6,518	3		3		3		3	
1/4	82,347	1/4	67,113	1/4	51,880	1/4	36,667	1/4	21,433	1/4	6,200	1/4		1/4		1/4		1/4	
1/2	82,030	1/2	66,796	1/2	51,563	1/2	36,349	1/2	21,116	1/2	5,883	1/2		1/2		1/2		1/2	
3/4	81,712	3/4	66,479	3/4	51,246	3/4	36,032	3/4	20,799	3/4	5,566	3/4		3/4		3/4		3/4	
4	81,395	4	66,161	4	50,929	4	35,714	4	20,481	4	5,248	4		4		4		4	
1/4	81,078	1/4	65,844	1/4	50,612	1/4	35,397	1/4	20,164	1/4	4,931	1/4		1/4		1/4		1/4	
1/2	80,760	1/2	65,527	1/2	50,296	1/2	35,080	1/2	19,847	1/2	4,617	1/2		1/2		1/2		1/2	
3/4	80,443	3/4	65,209	3/4	49,979	3/4	34,762	3/4	19,529	3/4	4,303	3/4		3/4		3/4		3/4	
5	80,126	5	64,892	5	49,662	5	34,445	5	19,212	5	3,989	5		5		5		5	
1/4	79,808	1/4	64,574	1/4	49,345	1/4	34,128	1/4	18,895	1/4	3,675	1/4		1/4		1/4		1/4	
1/2	79,491	1/2	64,257	1/2	49,028	1/2	33,810	1/2	18,578	1/2	3,390	1/2		1/2		1/2		1/2	
3/4	79,173	3/4	63,940	3/4	48,711	3/4	33,493	3/4	18,261	3/4	3,106	3/4		3/4		3/4		3/4	
6	78,856	6	63,622	6	48,394	6	33,176	6	17,945	6	2,822	6		6		6		6	
1/4	78,539	1/4	63,305	1/4	48,078	1/4	32,858	1/4	17,625	1/4	2,537	1/4		1/4		1/4		1/4	
1/2	78,221	1/2	62,988	1/2	47,761	1/2	32,541	1/2	17,308	1/2	2,306	1/2		1/2		1/2		1/2	
3/4	77,904	3/4	62,670	3/4	47,444	3/4	32,224	3/4	16,990	3/4	2,075	3/4		3/4		3/4		3/4	
7	77,587	7	62,353	7	47,127	7	31,906	7	16,673	7	1,843	7		7		7		7	
1/4	77,269	1/4	62,035	1/4	46,810	1/4	31,589	1/4	16,356	1/4	1,612	1/4		1/4		1/4		1/4	
1/2	76,952	1/2	61,718	1/2	46,493	1/2	31,271	1/2	16,038	1/2	1,433	1/2		1/2		1/2		1/2	
3/4	76,634	3/4	61,401	3/4	46,176	3/4	30,954	3/4	15,721	3/4	1,255	3/4		3/4		3/4		3/4	
8	76,317	8	61,083	8	45,860	8	30,637	8	15,404	8	1,076	8		8		8		8	
1/4	76,000	1/4	60,766	1/4	45,543	1/4	30,319	1/4	15,086	1/4	898	1/4		1/4		1/4		1/4	
1/2	75,682	1/2	60,449	1/2	45,226	1/2	30,002	1/2	14,769	1/2		1/2		1/2		1/2		1/2	
3/4	75,365	3/4	60,131	3/4	44,909	3/4	29,685	3/4	14,452	3/4		3/4		3/4		3/4		3/4	
9	75,048	9	59,814	9	44,592	9	29,367	9	14,134	9		9		9		9		9	
1/4	74,730	1/4	59,496	1/4	44,275	1/4	29,050	1/4	13,817	1/4		1/4		1/4		1/4		1/4	
1/2	74,413	1/2	59,179	1/2	43,958	1/2	28,733	1/2	13,499	1/2		1/2		1/2		1/2		1/2	
3/4	74,096	3/4	58,862	3/4	43,642	3/4	28,415	3/4	13,182	3/4		3/4		3/4		3/4		3/4	
10	73,778	10	58,544	10	43,325	10	28,098	10	12,865	10		10		10		10		10	
1/4	73,461	1/4	58,227	1/4	43,008	1/4	27,781	1/4	12,547	1/4		1/4		1/4		1/4		1/4	
1/2	73,143	1/2	57,910	1/2	42,691	1/2	27,463	1/2	12,230	1/2		1/2		1/2		1/2		1/2	
3/4	72,826	3/4	57,592	3/4	42,374	3/4	27,146	3/4	11,913	3/4		3/4		3/4		3/4		3/4	
11	72,509	11	57,275	11	42,057	11	26,828	11	11,595	11		11		11		11		11	
1/4	72,191	1/4	56,958	1/4	41,741	1/4	26,511	1/4	11,278	1/4		1/4		1/4		1/4		1/4	
1/2	71,874	1/2	56,640	1/2	41,424	1/2	26,194	1/2	10,961	1/2		1/2		1/2		1/2		1/2	
3/4	71,557	3/4	56,323	3/4	41,107	3/4	25,876	3/4	10,643	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 396"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	206,666	0	192,599	0	177,729	0	162,504	0	147,280	0	132,055	0	116,831	0	101,603
1/4		1/4	220,356	1/4	206,381	1/4	192,297	1/4	177,412	1/4	162,187	1/4	146,963	1/4	131,738	1/4	116,514	1/4	101,286
1/2		1/2	220,141	1/2	206,096	1/2	191,995	1/2	177,094	1/2	161,870	1/2	146,645	1/2	131,421	1/2	116,197	1/2	100,969
3/4		3/4	219,926	3/4	205,810	3/4	191,692	3/4	176,777	3/4	161,553	3/4	146,328	3/4	131,104	3/4	115,879	3/4	100,651
1		1	219,711	1	205,525	1	191,389	1	176,460	1	161,236	1	146,011	1	130,787	1	115,562	1	100,334
1/4		1/4	219,496	1/4	205,239	1/4	191,086	1/4	176,143	1/4	160,918	1/4	145,694	1/4	130,470	1/4	115,245	1/4	100,017
1/2		1/2	219,230	1/2	204,952	1/2	190,782	1/2	175,826	1/2	160,601	1/2	145,377	1/2	130,152	1/2	114,928	1/2	99,700
3/4		3/4	218,964	3/4	204,665	3/4	190,478	3/4	175,508	3/4	160,284	3/4	145,060	3/4	129,835	3/4	114,611	3/4	99,382
2		2	218,698	2	204,378	2	190,173	2	175,191	2	159,967	2	144,742	2	129,518	2	114,294	2	99,065
1/4		1/4	218,433	1/4	204,092	1/4	189,869	1/4	174,874	1/4	159,650	1/4	144,425	1/4	129,201	1/4	113,976	1/4	98,748
1/2		1/2	218,125	1/2	203,804	1/2	189,564	1/2	174,557	1/2	159,333	1/2	144,108	1/2	128,884	1/2	113,659	1/2	98,430
3/4		3/4	217,818	3/4	203,515	3/4	189,258	3/4	174,240	3/4	159,015	3/4	143,791	3/4	128,566	3/4	113,342	3/4	98,113
3		3	217,511	3	203,227	3	188,953	3	173,923	3	158,698	3	143,474	3	128,249	3	113,025	3	97,796
1/4		1/4	217,204	1/4	202,939	1/4	188,647	1/4	173,605	1/4	158,381	1/4	143,157	1/4	127,932	1/4	112,708	1/4	97,478
1/2		1/2	216,891	1/2	202,650	1/2	188,341	1/2	173,288	1/2	158,064	1/2	142,839	1/2	127,615	1/2	112,390	1/2	97,161
3/4		3/4	216,578	3/4	202,360	3/4	188,034	3/4	172,971	3/4	157,747	3/4	142,522	3/4	127,298	3/4	112,073	3/4	96,844
4		4	216,265	4	202,070	4	187,727	4	172,654	4	157,429	4	142,205	4	126,981	4	111,756	4	96,527
1/4		1/4	215,952	1/4	201,781	1/4	187,420	1/4	172,337	1/4	157,112	1/4	141,888	1/4	126,663	1/4	111,439	1/4	96,209
1/2		1/2	215,638	1/2	201,490	1/2	187,112	1/2	172,020	1/2	156,795	1/2	141,571	1/2	126,346	1/2	111,122	1/2	95,892
3/4		3/4	215,325	3/4	201,199	3/4	186,804	3/4	171,702	3/4	156,478	3/4	141,253	3/4	126,029	3/4	110,805	3/4	95,575
5		5	215,012	5	200,908	5	186,496	5	171,385	5	156,161	5	140,936	5	125,712	5	110,487	5	95,257
1/4		1/4	214,699	1/4	200,617	1/4	186,188	1/4	171,068	1/4	155,844	1/4	140,619	1/4	125,395	1/4	110,170	1/4	94,940
1/2		1/2	214,386	1/2	200,325	1/2	185,878	1/2	170,751	1/2	155,526	1/2	140,302	1/2	125,078	1/2	109,853	1/2	94,623
3/4		3/4	214,073	3/4	200,033	3/4	185,568	3/4	170,434	3/4	155,209	3/4	139,985	3/4	124,760	3/4	109,536	3/4	94,306
6		6	213,760	6	199,740	6	185,259	6	170,116	6	154,892	6	139,668	6	124,443	6	109,218	6	93,988
1/4		1/4	213,447	1/4	199,448	1/4	184,949	1/4	169,799	1/4	154,575	1/4	139,350	1/4	124,126	1/4	108,901	1/4	93,671
1/2		1/2	213,134	1/2	199,154	1/2	184,638	1/2	169,482	1/2	154,258	1/2	139,033	1/2	123,809	1/2	108,584	1/2	93,354
3/4		3/4	212,821	3/4	198,861	3/4	184,328	3/4	169,165	3/4	153,941	3/4	138,716	3/4	123,492	3/4	108,266	3/4	93,036
7		7	212,508	7	198,567	7	184,017	7	168,848	7	153,623	7	138,399	7	123,174	7	107,949	7	92,719
1/4		1/4	212,195	1/4	198,273	1/4	183,706	1/4	168,531	1/4	153,306	1/4	138,082	1/4	122,857	1/4	107,632	1/4	92,402
1/2		1/2	211,884	1/2	197,977	1/2	183,394	1/2	168,213	1/2	152,989	1/2	137,765	1/2	122,540	1/2	107,315	1/2	92,084
3/4		3/4	211,573	3/4	197,681	3/4	183,082	3/4	167,896	3/4	152,672	3/4	137,447	3/4	122,223	3/4	106,997	3/4	91,767
8		8	211,262	8	197,385	8	182,769	8	167,579	8	152,355	8	137,130	8	121,906	8	106,680	8	91,450
1/4		1/4	210,952	1/4	197,089	1/4	182,457	1/4	167,262	1/4	152,037	1/4	136,813	1/4	121,589	1/4	106,363	1/4	91,133
1/2		1/2	210,658	1/2	196,791	1/2	182,144	1/2	166,945	1/2	151,720	1/2	136,496	1/2	121,271	1/2	106,045	1/2	90,815
3/4		3/4	210,364	3/4	196,494	3/4	181,831	3/4	166,628	3/4	151,403	3/4	136,179	3/4	120,954	3/4	105,728	3/4	90,498
9		9	210,071	9	196,196	9	181,517	9	166,310	9	151,086	9	135,862	9	120,637	9	105,411	9	90,181
1/4		1/4	209,777	1/4	195,899	1/4	181,204	1/4	165,993	1/4	150,769	1/4	135,544	1/4	120,320	1/4	105,093	1/4	89,863
1/2		1/2	209,495	1/2	195,600	1/2	180,889	1/2	165,676	1/2	150,452	1/2	135,227	1/2	120,003	1/2	104,776	1/2	89,546
3/4		3/4	209,214	3/4	195,301	3/4	180,574	3/4	165,359	3/4	150,134	3/4	134,910	3/4	119,686	3/4	104,459	3/4	89,229
10		10	208,932	10	195,002	10	180,259	10	165,042	10	149,817	10	134,593	10	119,368	10	104,142	10	88,912
1/4		1/4	208,651	1/4	194,703	1/4	179,944	1/4	164,724	1/4	149,500	1/4	134,276	1/4	119,051	1/4	103,824	1/4	88,594
1/2		1/2	208,368	1/2	194,403	1/2	179,628	1/2	164,407	1/2	149,183	1/2	133,958	1/2	118,734	1/2	103,507	1/2	88,277
3/4		3/4	208,085	3/4	194,103	3/4	179,312	3/4	164,090	3/4	148,866	3/4	133,641	3/4	118,417	3/4	103,190	3/4	87,960
11		11	207,802	11	193,803	11	178,996	11	163,773	11	148,549	11	133,324	11	118,100	11	102,872	11	87,642
1/4		1/4	207,519	1/4	193,503	1/4	178,680	1/4	163,456	1/4	148,231	1/4	133,007	1/4	117,782	1/4	102,555	1/4	87,325
1/2		1/2	207,234	1/2	193,201	1/2	178,363	1/2	163,139	1/2	147,914	1/2	132,690	1/2	117,465	1/2	102,238	1/2	87,008
3/4		3/4	206,950	3/4	192,900	3/4	178,046	3/4	162,821	3/4	147,597	3/4	132,373	3/4	117,148	3/4	101,921	3/4	86,690

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

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BARGE "CBC 396"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,373	0	71,143	0	55,913	0	40,767	0	25,554	0	10,324	0		0		0		0	
1/4	86,056	1/4	70,826	1/4	55,596	1/4	40,452	1/4	25,236	1/4	10,007	1/4		1/4		1/4		1/4	
1/2	85,739	1/2	70,509	1/2	55,278	1/2	40,136	1/2	24,919	1/2	9,690	1/2		1/2		1/2		1/2	
3/4	85,421	3/4	70,191	3/4	54,961	3/4	39,821	3/4	24,602	3/4	9,372	3/4		3/4		3/4		3/4	
1	85,104	1	69,874	1	54,644	1	39,506	1	24,284	1	9,055	1		1		1		1	
1/4	84,787	1/4	69,557	1/4	54,327	1/4	39,191	1/4	23,967	1/4	8,738	1/4		1/4		1/4		1/4	
1/2	84,469	1/2	69,239	1/2	54,009	1/2	38,875	1/2	23,650	1/2	8,420	1/2		1/2		1/2		1/2	
3/4	84,152	3/4	68,922	3/4	53,692	3/4	38,559	3/4	23,333	3/4	8,102	3/4		3/4		3/4		3/4	
2	83,835	2	68,605	2	53,375	2	38,243	2	23,015	2	7,784	2		2		2		2	
1/4	83,518	1/4	68,287	1/4	53,058	1/4	37,928	1/4	22,698	1/4	7,469	1/4		1/4		1/4		1/4	
1/2	83,200	1/2	67,970	1/2	52,743	1/2	37,610	1/2	22,381	1/2	7,151	1/2		1/2		1/2		1/2	
3/4	82,883	3/4	67,653	3/4	52,427	3/4	37,293	3/4	22,063	3/4	6,834	3/4		3/4		3/4		3/4	
3	82,566	3	67,336	3	52,111	3	36,976	3	21,746	3	6,517	3		3		3		3	
1/4	82,248	1/4	67,018	1/4	51,796	1/4	36,658	1/4	21,429	1/4	6,199	1/4		1/4		1/4		1/4	
1/2	81,931	1/2	66,701	1/2	51,481	1/2	36,341	1/2	21,112	1/2	5,882	1/2		1/2		1/2		1/2	
3/4	81,614	3/4	66,384	3/4	51,166	3/4	36,024	3/4	20,794	3/4	5,565	3/4		3/4		3/4		3/4	
4	81,296	4	66,066	4	50,851	4	35,707	4	20,477	4	5,248	4		4		4		4	
1/4	80,979	1/4	65,749	1/4	50,535	1/4	35,389	1/4	20,160	1/4	4,930	1/4		1/4		1/4		1/4	
1/2	80,662	1/2	65,432	1/2	50,220	1/2	35,072	1/2	19,843	1/2	4,616	1/2		1/2		1/2		1/2	
3/4	80,345	3/4	65,115	3/4	49,905	3/4	34,755	3/4	19,525	3/4	4,302	3/4		3/4		3/4		3/4	
5	80,027	5	64,797	5	49,590	5	34,437	5	19,208	5	3,988	5		5		5		5	
1/4	79,710	1/4	64,480	1/4	49,275	1/4	34,120	1/4	18,891	1/4	3,674	1/4		1/4		1/4		1/4	
1/2	79,393	1/2	64,163	1/2	48,960	1/2	33,803	1/2	18,574	1/2	3,390	1/2		1/2		1/2		1/2	
3/4	79,075	3/4	63,845	3/4	48,645	3/4	33,486	3/4	18,258	3/4	3,106	3/4		3/4		3/4		3/4	
6	78,758	6	63,528	6	48,330	6	33,168	6	17,941	6	2,822	6		6		6		6	
1/4	78,441	1/4	63,211	1/4	48,014	1/4	32,851	1/4	17,622	1/4	2,538	1/4		1/4		1/4		1/4	
1/2	78,124	1/2	62,893	1/2	47,699	1/2	32,534	1/2	17,304	1/2	2,306	1/2		1/2		1/2		1/2	
3/4	77,806	3/4	62,576	3/4	47,384	3/4	32,216	3/4	16,987	3/4	2,075	3/4		3/4		3/4		3/4	
7	77,489	7	62,259	7	47,069	7	31,899	7	16,670	7	1,844	7		7		7		7	
1/4	77,172	1/4	61,942	1/4	46,754	1/4	31,582	1/4	16,352	1/4	1,612	1/4		1/4		1/4		1/4	
1/2	76,854	1/2	61,624	1/2	46,439	1/2	31,265	1/2	16,035	1/2	1,434	1/2		1/2		1/2		1/2	
3/4	76,537	3/4	61,307	3/4	46,124	3/4	30,947	3/4	15,718	3/4	1,255	3/4		3/4		3/4		3/4	
8	76,220	8	60,990	8	45,809	8	30,630	8	15,401	8	1,077	8		8		8		8	
1/4	75,903	1/4	60,672	1/4	45,493	1/4	30,313	1/4	15,083	1/4	898	1/4		1/4		1/4		1/4	
1/2	75,585	1/2	60,355	1/2	45,178	1/2	29,995	1/2	14,766	1/2		1/2		1/2		1/2		1/2	
3/4	75,268	3/4	60,038	3/4	44,863	3/4	29,678	3/4	14,449	3/4		3/4		3/4		3/4		3/4	
9	74,951	9	59,721	9	44,548	9	29,361	9	14,131	9		9		9		9		9	
1/4	74,633	1/4	59,403	1/4	44,233	1/4	29,044	1/4	13,814	1/4		1/4		1/4		1/4		1/4	
1/2	74,316	1/2	59,086	1/2	43,918	1/2	28,726	1/2	13,497	1/2		1/2		1/2		1/2		1/2	
3/4	73,999	3/4	58,769	3/4	43,603	3/4	28,409	3/4	13,180	3/4		3/4		3/4		3/4		3/4	
10	73,681	10	58,451	10	43,288	10	28,092	10	12,862	10		10		10		10		10	
1/4	73,364	1/4	58,134	1/4	42,973	1/4	27,775	1/4	12,545	1/4		1/4		1/4		1/4		1/4	
1/2	73,047	1/2	57,817	1/2	42,657	1/2	27,457	1/2	12,228	1/2		1/2		1/2		1/2		1/2	
3/4	72,730	3/4	57,500	3/4	42,342	3/4	27,140	3/4	11,910	3/4		3/4		3/4		3/4		3/4	
11	72,412	11	57,182	11	42,027	11	26,823	11	11,593	11		11		11		11		11	
1/4	72,095	1/4	56,865	1/4	41,712	1/4	26,505	1/4	11,276	1/4		1/4		1/4		1/4		1/4	
1/2	71,778	1/2	56,548	1/2	41,397	1/2	26,188	1/2	10,959	1/2		1/2		1/2		1/2		1/2	
3/4	71,460	3/4	56,230	3/4	41,082	3/4	25,871	3/4	10,641	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 396"

2 PORT 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	219,695	0	205,767	0	191,731	0	176,895	0	161,722	0	146,548	0	131,375	0	116,202	0	101,025
1/4	1/4	1/4	219,481	1/4	205,483	1/4	191,429	1/4	176,579	1/4	161,406	1/4	146,232	1/4	131,059	1/4	115,885	1/4	100,708
1/2	1/2	1/2	219,267	1/2	205,198	1/2	191,127	1/2	176,263	1/2	161,090	1/2	145,916	1/2	130,743	1/2	115,569	1/2	100,392
3/4	3/4	3/4	219,052	3/4	204,913	3/4	190,825	3/4	175,947	3/4	160,774	3/4	145,600	3/4	130,427	3/4	115,253	3/4	100,076
1	1	1	218,838	1	204,629	1	190,524	1	175,631	1	160,458	1	145,284	1	130,111	1	114,937	1	99,760
1/4	1/4	1/4	218,573	1/4	204,343	1/4	190,220	1/4	175,315	1/4	160,141	1/4	144,968	1/4	129,794	1/4	114,621	1/4	99,443
1/2	1/2	1/2	218,308	1/2	204,057	1/2	189,917	1/2	174,999	1/2	159,825	1/2	144,652	1/2	129,478	1/2	114,305	1/2	99,127
3/4	3/4	3/4	218,043	3/4	203,771	3/4	189,614	3/4	174,683	3/4	159,509	3/4	144,336	3/4	129,162	3/4	113,989	3/4	98,811
2	2	2	217,778	2	203,485	2	189,311	2	174,367	2	159,193	2	144,020	2	128,846	2	113,673	2	98,495
1/4	1/4	1/4	217,472	1/4	203,198	1/4	189,006	1/4	174,050	1/4	158,877	1/4	143,703	1/4	128,530	1/4	113,356	1/4	98,179
1/2	1/2	1/2	217,166	1/2	202,911	1/2	188,702	1/2	173,734	1/2	158,561	1/2	143,387	1/2	128,214	1/2	113,040	1/2	97,862
3/4	3/4	3/4	216,859	3/4	202,624	3/4	188,397	3/4	173,418	3/4	158,245	3/4	143,071	3/4	127,898	3/4	112,724	3/4	97,546
3	3	3	216,553	3	202,337	3	188,093	3	173,102	3	157,929	3	142,755	3	127,582	3	112,408	3	97,230
1/4	1/4	1/4	216,241	1/4	202,048	1/4	187,787	1/4	172,786	1/4	157,612	1/4	142,439	1/4	127,266	1/4	112,092	1/4	96,914
1/2	1/2	1/2	215,929	1/2	201,759	1/2	187,482	1/2	172,470	1/2	157,296	1/2	142,123	1/2	126,949	1/2	111,776	1/2	96,597
3/4	3/4	3/4	215,617	3/4	201,471	3/4	187,176	3/4	172,154	3/4	156,980	3/4	141,807	3/4	126,633	3/4	111,460	3/4	96,281
4	4	4	215,305	4	201,182	4	186,870	4	171,838	4	156,664	4	141,491	4	126,317	4	111,144	4	95,965
1/4	1/4	1/4	214,993	1/4	200,892	1/4	186,563	1/4	171,522	1/4	156,348	1/4	141,175	1/4	126,001	1/4	110,828	1/4	95,649
1/2	1/2	1/2	214,681	1/2	200,602	1/2	186,256	1/2	171,205	1/2	156,032	1/2	140,858	1/2	125,685	1/2	110,511	1/2	95,333
3/4	3/4	3/4	214,369	3/4	200,312	3/4	185,949	3/4	170,889	3/4	155,716	3/4	140,542	3/4	125,369	3/4	110,195	3/4	95,016
5	5	5	214,057	5	200,022	5	185,641	5	170,573	5	155,400	5	140,226	5	125,053	5	109,879	5	94,700
1/4	1/4	1/4	213,745	1/4	199,731	1/4	185,333	1/4	170,257	1/4	155,084	1/4	139,910	1/4	124,737	1/4	109,563	1/4	94,384
1/2	1/2	1/2	213,433	1/2	199,440	1/2	185,024	1/2	169,941	1/2	154,767	1/2	139,594	1/2	124,420	1/2	109,247	1/2	94,068
3/4	3/4	3/4	213,121	3/4	199,149	3/4	184,716	3/4	169,625	3/4	154,451	3/4	139,278	3/4	124,104	3/4	108,930	3/4	93,751
6	6	6	212,809	6	198,857	6	184,407	6	169,309	6	154,135	6	138,962	6	123,788	6	108,614	6	93,435
1/4	1/4	1/4	212,497	1/4	198,565	1/4	184,097	1/4	168,993	1/4	153,819	1/4	138,646	1/4	123,472	1/4	108,298	1/4	93,119
1/2	1/2	1/2	212,185	1/2	198,272	1/2	183,788	1/2	168,676	1/2	153,503	1/2	138,330	1/2	123,156	1/2	107,982	1/2	92,803
3/4	3/4	3/4	211,873	3/4	197,979	3/4	183,478	3/4	168,360	3/4	153,187	3/4	138,013	3/4	122,840	3/4	107,665	3/4	92,486
7	7	7	211,561	7	197,687	7	183,168	7	168,044	7	152,871	7	137,697	7	122,524	7	107,349	7	92,170
1/4	1/4	1/4	211,251	1/4	197,392	1/4	182,857	1/4	167,728	1/4	152,555	1/4	137,381	1/4	122,208	1/4	107,033	1/4	91,854
1/2	1/2	1/2	210,942	1/2	197,096	1/2	182,546	1/2	167,412	1/2	152,239	1/2	137,065	1/2	121,892	1/2	106,717	1/2	91,538
3/4	3/4	3/4	210,632	3/4	196,801	3/4	182,235	3/4	167,096	3/4	151,922	3/4	136,749	3/4	121,575	3/4	106,400	3/4	91,222
8	8	8	210,322	8	196,506	8	181,924	8	166,780	8	151,606	8	136,433	8	121,259	8	106,084	8	90,905
1/4	1/4	1/4	210,029	1/4	196,210	1/4	181,611	1/4	166,464	1/4	151,290	1/4	136,117	1/4	120,943	1/4	105,768	1/4	90,589
1/2	1/2	1/2	209,737	1/2	195,913	1/2	181,299	1/2	166,148	1/2	150,974	1/2	135,801	1/2	120,627	1/2	105,452	1/2	90,273
3/4	3/4	3/4	209,444	3/4	195,616	3/4	180,987	3/4	165,831	3/4	150,658	3/4	135,484	3/4	120,311	3/4	105,136	3/4	89,957
9	9	9	209,151	9	195,320	9	180,674	9	165,515	9	150,342	9	135,168	9	119,995	9	104,819	9	89,640
1/4	1/4	1/4	208,871	1/4	195,022	1/4	180,361	1/4	165,199	1/4	150,026	1/4	134,852	1/4	119,679	1/4	104,503	1/4	89,324
1/2	1/2	1/2	208,590	1/2	194,724	1/2	180,047	1/2	164,883	1/2	149,710	1/2	134,536	1/2	119,363	1/2	104,187	1/2	89,008
3/4	3/4	3/4	208,310	3/4	194,426	3/4	179,733	3/4	164,567	3/4	149,394	3/4	134,220	3/4	119,047	3/4	103,871	3/4	88,692
10	10	10	208,029	10	194,129	10	179,419	10	164,251	10	149,077	10	133,904	10	118,730	10	103,554	10	88,376
1/4	1/4	1/4	207,747	1/4	193,829	1/4	179,104	1/4	163,935	1/4	148,761	1/4	133,588	1/4	118,414	1/4	103,238	1/4	88,059
1/2	1/2	1/2	207,465	1/2	193,530	1/2	178,789	1/2	163,619	1/2	148,445	1/2	133,272	1/2	118,098	1/2	102,922	1/2	87,743
3/4	3/4	3/4	207,183	3/4	193,231	3/4	178,474	3/4	163,303	3/4	148,129	3/4	132,956	3/4	117,782	3/4	102,606	3/4	87,427
11	11	11	206,901	11	192,932	11	178,159	11	162,986	11	147,813	11	132,639	11	117,466	11	102,290	11	87,111
1/4	1/4	1/4	206,617	1/4	192,632	1/4	177,843	1/4	162,670	1/4	147,497	1/4	132,323	1/4	117,150	1/4	101,973	1/4	86,794
1/2	1/2	1/2	206,334	1/2	192,331	1/2	177,527	1/2	162,354	1/2	147,181	1/2	132,007	1/2	116,834	1/2	101,657	1/2	86,478
3/4	3/4	3/4	206,051	3/4	192,031	3/4	177,211	3/4	162,038	3/4	146,865	3/4	131,691	3/4	116,518	3/4	101,341	3/4	86,162

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 396"

2 PORT 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	85,846	0	70,667	0	55,488	0	40,328	0	25,151	0	9,973	0		0		0		0	
1/4	85,529	1/4	70,351	1/4	55,172	1/4	40,012	1/4	24,835	1/4	9,656	1/4		1/4		1/4		1/4	
1/2	85,213	1/2	70,034	1/2	54,855	1/2	39,696	1/2	24,519	1/2	9,340	1/2		1/2		1/2		1/2	
3/4	84,897	3/4	69,718	3/4	54,539	3/4	39,380	3/4	24,202	3/4	9,024	3/4		3/4		3/4		3/4	
1	84,581	1	69,402	1	54,223	1	39,065	1	23,886	1	8,708	1		1		1		1	
1/4	84,265	1/4	69,086	1/4	53,907	1/4	38,748	1/4	23,570	1/4	8,391	1/4		1/4		1/4		1/4	
1/2	83,948	1/2	68,769	1/2	53,590	1/2	38,432	1/2	23,254	1/2	8,074	1/2		1/2		1/2		1/2	
3/4	83,632	3/4	68,453	3/4	53,274	3/4	38,116	3/4	22,938	3/4	7,757	3/4		3/4		3/4		3/4	
2	83,316	2	68,137	2	52,958	2	37,800	2	22,621	2	7,443	2		2		2		2	
1/4	83,000	1/4	67,821	1/4	52,642	1/4	37,483	1/4	22,305	1/4	7,127	1/4		1/4		1/4		1/4	
1/2	82,683	1/2	67,505	1/2	52,326	1/2	37,167	1/2	21,989	1/2	6,811	1/2		1/2		1/2		1/2	
3/4	82,367	3/4	67,188	3/4	52,010	3/4	36,851	3/4	21,673	3/4	6,494	3/4		3/4		3/4		3/4	
3	82,051	3	66,872	3	51,693	3	36,535	3	21,356	3	6,178	3		3		3		3	
1/4	81,735	1/4	66,556	1/4	51,378	1/4	36,219	1/4	21,040	1/4	5,862	1/4		1/4		1/4		1/4	
1/2	81,419	1/2	66,240	1/2	51,062	1/2	35,902	1/2	20,724	1/2	5,546	1/2		1/2		1/2		1/2	
3/4	81,102	3/4	65,923	3/4	50,746	3/4	35,586	3/4	20,408	3/4	5,229	3/4		3/4		3/4		3/4	
4	80,786	4	65,607	4	50,431	4	35,270	4	20,092	4	4,913	4		4		4		4	
1/4	80,470	1/4	65,291	1/4	50,115	1/4	34,954	1/4	19,775	1/4	4,600	1/4		1/4		1/4		1/4	
1/2	80,154	1/2	64,975	1/2	49,799	1/2	34,637	1/2	19,459	1/2	4,287	1/2		1/2		1/2		1/2	
3/4	79,837	3/4	64,658	3/4	49,483	3/4	34,321	3/4	19,143	3/4	3,974	3/4		3/4		3/4		3/4	
5	79,521	5	64,342	5	49,168	5	34,005	5	18,827	5	3,662	5		5		5		5	
1/4	79,205	1/4	64,026	1/4	48,852	1/4	33,689	1/4	18,511	1/4	3,378	1/4		1/4		1/4		1/4	
1/2	78,889	1/2	63,710	1/2	48,536	1/2	33,373	1/2	18,196	1/2	3,095	1/2		1/2		1/2		1/2	
3/4	78,572	3/4	63,394	3/4	48,221	3/4	33,056	3/4	17,880	3/4	2,812	3/4		3/4		3/4		3/4	
6	78,256	6	63,077	6	47,905	6	32,740	6	17,562	6	2,529	6		6		6		6	
1/4	77,940	1/4	62,761	1/4	47,589	1/4	32,424	1/4	17,246	1/4	2,298	1/4		1/4		1/4		1/4	
1/2	77,624	1/2	62,445	1/2	47,273	1/2	32,108	1/2	16,929	1/2	2,067	1/2		1/2		1/2		1/2	
3/4	77,308	3/4	62,129	3/4	46,958	3/4	31,792	3/4	16,613	3/4	1,837	3/4		3/4		3/4		3/4	
7	76,991	7	61,812	7	46,642	7	31,475	7	16,297	7	1,606	7		7		7		7	
1/4	76,675	1/4	61,496	1/4	46,326	1/4	31,159	1/4	15,981	1/4	1,428	1/4		1/4		1/4		1/4	
1/2	76,359	1/2	61,180	1/2	46,011	1/2	30,843	1/2	15,665	1/2	1,251	1/2		1/2		1/2		1/2	
3/4	76,043	3/4	60,864	3/4	45,695	3/4	30,527	3/4	15,348	3/4	1,073	3/4		3/4		3/4		3/4	
8	75,726	8	60,547	8	45,379	8	30,210	8	15,032	8	895	8		8		8		8	
1/4	75,410	1/4	60,231	1/4	45,063	1/4	29,894	1/4	14,716	1/4		1/4		1/4		1/4		1/4	
1/2	75,094	1/2	59,915	1/2	44,748	1/2	29,578	1/2	14,400	1/2		1/2		1/2		1/2		1/2	
3/4	74,778	3/4	59,599	3/4	44,432	3/4	29,262	3/4	14,083	3/4		3/4		3/4		3/4		3/4	
9	74,462	9	59,283	9	44,116	9	28,946	9	13,767	9		9		9		9		9	
1/4	74,145	1/4	58,966	1/4	43,801	1/4	28,629	1/4	13,451	1/4		1/4		1/4		1/4		1/4	
1/2	73,829	1/2	58,650	1/2	43,485	1/2	28,313	1/2	13,135	1/2		1/2		1/2		1/2		1/2	
3/4	73,513	3/4	58,334	3/4	43,169	3/4	27,997	3/4	12,819	3/4		3/4		3/4		3/4		3/4	
10	73,197	10	58,018	10	42,853	10	27,681	10	12,502	10		10		10		10		10	
1/4	72,880	1/4	57,701	1/4	42,538	1/4	27,365	1/4	12,186	1/4		1/4		1/4		1/4		1/4	
1/2	72,564	1/2	57,385	1/2	42,222	1/2	27,048	1/2	11,870	1/2		1/2		1/2		1/2		1/2	
3/4	72,248	3/4	57,069	3/4	41,906	3/4	26,732	3/4	11,554	3/4		3/4		3/4		3/4		3/4	
11	71,932	11	56,753	11	41,591	11	26,416	11	11,238	11		11		11		11		11	
1/4	71,615	1/4	56,437	1/4	41,275	1/4	26,100	1/4	10,921	1/4		1/4		1/4		1/4		1/4	
1/2	71,299	1/2	56,120	1/2	40,959	1/2	25,783	1/2	10,605	1/2		1/2		1/2		1/2		1/2	
3/4	70,983	3/4	55,804	3/4	40,643	3/4	25,467	3/4	10,289	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 396"

2 STBD

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	218,789	0	204,792	0	190,740	0	175,892	0	160,720	0	145,548	0	130,377	0	115,205	0	100,030
1/4		1/4	218,575	1/4	204,508	1/4	190,438	1/4	175,576	1/4	160,404	1/4	145,232	1/4	130,061	1/4	114,889	1/4	99,714
1/2		1/2	218,360	1/2	204,223	1/2	190,136	1/2	175,259	1/2	160,088	1/2	144,916	1/2	129,745	1/2	114,573	1/2	99,398
3/4		3/4	218,146	3/4	203,938	3/4	189,834	3/4	174,943	3/4	159,772	3/4	144,600	3/4	129,429	3/4	114,257	3/4	99,082
1		1	217,881	1	203,653	1	189,531	1	174,627	1	159,456	1	144,284	1	129,112	1	113,941	1	98,766
1/4		1/4	217,616	1/4	203,367	1/4	189,228	1/4	174,311	1/4	159,140	1/4	143,968	1/4	128,796	1/4	113,625	1/4	98,449
1/2		1/2	217,351	1/2	203,081	1/2	188,925	1/2	173,995	1/2	158,824	1/2	143,652	1/2	128,480	1/2	113,309	1/2	98,133
3/4		3/4	217,086	3/4	202,795	3/4	188,622	3/4	173,679	3/4	158,507	3/4	143,336	3/4	128,164	3/4	112,993	3/4	97,817
2		2	216,780	2	202,508	2	188,317	2	173,363	2	158,191	2	143,020	2	127,848	2	112,677	2	97,501
1/4		1/4	216,474	1/4	202,221	1/4	188,013	1/4	173,047	1/4	157,875	1/4	142,704	1/4	127,532	1/4	112,360	1/4	97,185
1/2		1/2	216,168	1/2	201,934	1/2	187,709	1/2	172,731	1/2	157,559	1/2	142,388	1/2	127,216	1/2	112,044	1/2	96,868
3/4		3/4	215,862	3/4	201,647	3/4	187,404	3/4	172,415	3/4	157,243	3/4	142,072	3/4	126,900	3/4	111,728	3/4	96,552
3		3	215,550	3	201,358	3	187,098	3	172,099	3	156,927	3	141,755	3	126,584	3	111,412	3	96,236
1/4		1/4	215,238	1/4	201,069	1/4	186,793	1/4	171,783	1/4	156,611	1/4	141,439	1/4	126,268	1/4	111,095	1/4	95,920
1/2		1/2	214,926	1/2	200,781	1/2	186,487	1/2	171,467	1/2	156,295	1/2	141,123	1/2	125,952	1/2	110,778	1/2	95,604
3/4		3/4	214,614	3/4	200,492	3/4	186,181	3/4	171,150	3/4	155,979	3/4	140,807	3/4	125,636	3/4	110,464	3/4	95,288
4		4	214,302	4	200,202	4	185,874	4	170,834	4	155,663	4	140,491	4	125,320	4	110,148	4	94,971
1/4		1/4	213,990	1/4	199,912	1/4	185,567	1/4	170,518	1/4	155,347	1/4	140,175	1/4	125,003	1/4	109,832	1/4	94,655
1/2		1/2	213,678	1/2	199,622	1/2	185,260	1/2	170,202	1/2	155,031	1/2	139,859	1/2	124,687	1/2	109,516	1/2	94,339
3/4		3/4	213,366	3/4	199,332	3/4	184,953	3/4	169,886	3/4	154,715	3/4	139,543	3/4	124,371	3/4	109,200	3/4	94,023
5		5	213,054	5	199,041	5	184,644	5	169,570	5	154,398	5	139,227	5	124,055	5	108,884	5	93,707
1/4		1/4	212,742	1/4	198,750	1/4	184,336	1/4	169,254	1/4	154,082	1/4	138,911	1/4	123,739	1/4	108,568	1/4	93,390
1/2		1/2	212,430	1/2	198,459	1/2	184,027	1/2	168,938	1/2	153,766	1/2	138,595	1/2	123,423	1/2	108,251	1/2	93,074
3/4		3/4	212,118	3/4	198,168	3/4	183,719	3/4	168,622	3/4	153,450	3/4	138,279	3/4	123,107	3/4	107,935	3/4	92,758
6		6	211,806	6	197,875	6	183,409	6	168,306	6	153,134	6	137,963	6	122,791	6	107,619	6	92,442
1/4		1/4	211,494	1/4	197,582	1/4	183,099	1/4	167,990	1/4	152,818	1/4	137,646	1/4	122,475	1/4	107,303	1/4	92,126
1/2		1/2	211,182	1/2	197,290	1/2	182,790	1/2	167,674	1/2	152,502	1/2	137,330	1/2	122,159	1/2	106,987	1/2	91,809
3/4		3/4	210,870	3/4	196,997	3/4	182,480	3/4	167,358	3/4	152,186	3/4	137,014	3/4	121,843	3/4	106,670	3/4	91,493
7		7	210,561	7	196,702	7	182,169	7	167,042	7	151,870	7	136,698	7	121,527	7	106,354	7	91,177
1/4		1/4	210,251	1/4	196,407	1/4	181,858	1/4	166,725	1/4	151,554	1/4	136,382	1/4	121,211	1/4	106,038	1/4	90,861
1/2		1/2	209,941	1/2	196,112	1/2	181,547	1/2	166,409	1/2	151,238	1/2	136,066	1/2	120,894	1/2	105,722	1/2	90,545
3/4		3/4	209,631	3/4	195,816	3/4	181,236	3/4	166,093	3/4	150,922	3/4	135,750	3/4	120,578	3/4	105,406	3/4	90,228
8		8	209,339	8	195,520	8	180,923	8	165,777	8	150,606	8	135,434	8	120,262	8	105,090	8	89,912
1/4		1/4	209,046	1/4	195,223	1/4	180,611	1/4	165,461	1/4	150,290	1/4	135,118	1/4	119,946	1/4	104,773	1/4	89,596
1/2		1/2	208,753	1/2	194,927	1/2	180,299	1/2	165,145	1/2	149,973	1/2	134,802	1/2	119,630	1/2	104,457	1/2	89,280
3/4		3/4	208,461	3/4	194,630	3/4	179,986	3/4	164,829	3/4	149,657	3/4	134,486	3/4	119,314	3/4	104,141	3/4	88,964
9		9	208,180	9	194,332	9	179,673	9	164,513	9	149,341	9	134,170	9	118,998	9	103,825	9	88,647
1/4		1/4	207,900	1/4	194,035	1/4	179,359	1/4	164,197	1/4	149,025	1/4	133,854	1/4	118,682	1/4	103,509	1/4	88,331
1/2		1/2	207,619	1/2	193,737	1/2	179,045	1/2	163,881	1/2	148,709	1/2	133,537	1/2	118,366	1/2	103,192	1/2	88,015
3/4		3/4	207,338	3/4	193,439	3/4	178,731	3/4	163,565	3/4	148,393	3/4	133,221	3/4	118,050	3/4	102,876	3/4	87,699
10		10	207,056	10	193,140	10	178,416	10	163,249	10	148,077	10	132,905	10	117,734	10	102,560	10	87,383
1/4		1/4	206,774	1/4	192,841	1/4	178,101	1/4	162,933	1/4	147,761	1/4	132,589	1/4	117,418	1/4	102,244	1/4	87,067
1/2		1/2	206,492	1/2	192,542	1/2	177,786	1/2	162,616	1/2	147,445	1/2	132,273	1/2	117,102	1/2	101,928	1/2	86,750
3/4		3/4	206,210	3/4	192,243	3/4	177,471	3/4	162,300	3/4	147,129	3/4	131,957	3/4	116,785	3/4	101,611	3/4	86,434
11		11	205,927	11	191,943	11	177,155	11	161,984	11	146,813	11	131,641	11	116,470	11	101,295	11	86,118
1/4		1/4	205,644	1/4	191,642	1/4	176,839	1/4	161,668	1/4	146,497	1/4	131,325	1/4	116,154	1/4	100,979	1/4	85,802
1/2		1/2	205,360	1/2	191,342	1/2	176,524	1/2	161,352	1/2	146,181	1/2	131,009	1/2	115,839	1/2	100,663	1/2	85,486
11	219,003	3/4	205,077	3/4	191,042	3/4	176,208	3/4	161,036	3/4	145,864	3/4	130,693	3/4	115,521	3/4	100,347	3/4	85,169

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "CBC 396"

2 STBD 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	84,853	0	69,676	0	54,499	0	39,917	0	24,832	0	9,656	0		0		0		0	
1/4	84,537	1/4	69,360	1/4	54,182	1/4	39,615	1/4	24,516	1/4	9,339	1/4		1/4		1/4		1/4	
1/2	84,221	1/2	69,044	1/2	53,866	1/2	39,313	1/2	24,200	1/2	9,023	1/2		1/2		1/2		1/2	
3/4	83,905	3/4	68,727	3/4	53,550	3/4	39,012	3/4	23,884	3/4	8,707	3/4		3/4		3/4		3/4	
1	83,588	1	68,411	1	53,236	1	38,708	1	23,567	1	8,390	1		1		1		1	
1/4	83,272	1/4	68,095	1/4	52,921	1/4	38,404	1/4	23,251	1/4	8,073	1/4		1/4		1/4		1/4	
1/2	82,956	1/2	67,779	1/2	52,607	1/2	38,100	1/2	22,935	1/2	7,756	1/2		1/2		1/2		1/2	
3/4	82,640	3/4	67,463	3/4	52,292	3/4	37,796	3/4	22,619	3/4	7,442	3/4		3/4		3/4		3/4	
2	82,324	2	67,146	2	51,990	2	37,479	2	22,303	2	7,126	2		2		2		2	
1/4	82,007	1/4	66,830	1/4	51,688	1/4	37,163	1/4	21,987	1/4	6,810	1/4		1/4		1/4		1/4	
1/2	81,691	1/2	66,514	1/2	51,386	1/2	36,847	1/2	21,670	1/2	6,494	1/2		1/2		1/2		1/2	
3/4	81,375	3/4	66,198	3/4	51,083	3/4	36,531	3/4	21,354	3/4	6,178	3/4		3/4		3/4		3/4	
3	81,059	3	65,882	3	50,782	3	36,215	3	21,038	3	5,861	3		3		3		3	
1/4	80,743	1/4	65,565	1/4	50,480	1/4	35,898	1/4	20,722	1/4	5,545	1/4		1/4		1/4		1/4	
1/2	80,426	1/2	65,249	1/2	50,178	1/2	35,582	1/2	20,406	1/2	5,229	1/2		1/2		1/2		1/2	
3/4	80,110	3/4	64,933	3/4	49,876	3/4	35,266	3/4	20,089	3/4	4,913	3/4		3/4		3/4		3/4	
4	79,794	4	64,617	4	49,574	4	34,950	4	19,773	4	4,600	4		4		4		4	
1/4	79,478	1/4	64,301	1/4	49,273	1/4	34,634	1/4	19,457	1/4	4,287	1/4		1/4		1/4		1/4	
1/2	79,162	1/2	63,984	1/2	48,971	1/2	34,318	1/2	19,141	1/2	3,974	1/2		1/2		1/2		1/2	
3/4	78,845	3/4	63,668	3/4	48,669	3/4	34,001	3/4	18,825	3/4	3,661	3/4		3/4		3/4		3/4	
5	78,529	5	63,352	5	48,367	5	33,685	5	18,509	5	3,378	5		5		5		5	
1/4	78,213	1/4	63,036	1/4	48,065	1/4	33,369	1/4	18,194	1/4	3,095	1/4		1/4		1/4		1/4	
1/2	77,897	1/2	62,720	1/2	47,764	1/2	33,053	1/2	17,879	1/2	2,812	1/2		1/2		1/2		1/2	
3/4	77,581	3/4	62,403	3/4	47,462	3/4	32,737	3/4	17,560	3/4	2,528	3/4		3/4		3/4		3/4	
6	77,265	6	62,087	6	47,160	6	32,420	6	17,244	6	2,298	6		6		6		6	
1/4	76,948	1/4	61,771	1/4	46,858	1/4	32,104	1/4	16,928	1/4	2,067	1/4		1/4		1/4		1/4	
1/2	76,632	1/2	61,455	1/2	46,556	1/2	31,788	1/2	16,611	1/2	1,837	1/2		1/2		1/2		1/2	
3/4	76,316	3/4	61,139	3/4	46,255	3/4	31,472	3/4	16,295	3/4	1,606	3/4		3/4		3/4		3/4	
7	76,000	7	60,822	7	45,953	7	31,156	7	15,979	7	1,428	7		7		7		7	
1/4	75,684	1/4	60,506	1/4	45,651	1/4	30,840	1/4	15,663	1/4	1,251	1/4		1/4		1/4		1/4	
1/2	75,367	1/2	60,190	1/2	45,349	1/2	30,523	1/2	15,347	1/2	1,073	1/2		1/2		1/2		1/2	
3/4	75,051	3/4	59,874	3/4	45,048	3/4	30,207	3/4	15,031	3/4	895	3/4		3/4		3/4		3/4	
8	74,735	8	59,558	8	44,746	8	29,891	8	14,714	8		8		8		8		8	
1/4	74,419	1/4	59,242	1/4	44,444	1/4	29,575	1/4	14,398	1/4		1/4		1/4		1/4		1/4	
1/2	74,103	1/2	58,925	1/2	44,142	1/2	29,259	1/2	14,082	1/2		1/2		1/2		1/2		1/2	
3/4	73,786	3/4	58,609	3/4	43,840	3/4	28,942	3/4	13,766	3/4		3/4		3/4		3/4		3/4	
9	73,470	9	58,293	9	43,539	9	28,626	9	13,450	9		9		9		9		9	
1/4	73,154	1/4	57,977	1/4	43,237	1/4	28,310	1/4	13,134	1/4		1/4		1/4		1/4		1/4	
1/2	72,838	1/2	57,661	1/2	42,935	1/2	27,994	1/2	12,817	1/2		1/2		1/2		1/2		1/2	
3/4	72,522	3/4	57,344	3/4	42,633	3/4	27,678	3/4	12,501	3/4		3/4		3/4		3/4		3/4	
10	72,205	10	57,028	10	42,331	10	27,362	10	12,185	10		10		10		10		10	
1/4	71,889	1/4	56,712	1/4	42,030	1/4	27,045	1/4	11,869	1/4		1/4		1/4		1/4		1/4	
1/2	71,573	1/2	56,396	1/2	41,728	1/2	26,729	1/2	11,553	1/2		1/2		1/2		1/2		1/2	
3/4	71,257	3/4	56,080	3/4	41,426	3/4	26,413	3/4	11,236	3/4		3/4		3/4		3/4		3/4	
11	70,941	11	55,763	11	41,124	11	26,097	11	10,920	11		11		11		11		11	
1/4	70,624	1/4	55,447	1/4	40,822	1/4	25,781	1/4	10,604	1/4		1/4		1/4		1/4		1/4	
1/2	70,308	1/2	55,131	1/2	40,521	1/2	25,464	1/2	10,288	1/2		1/2		1/2		1/2		1/2	
3/4	69,992	3/4	54,815	3/4	40,219	3/4	25,148	3/4	9,972	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 396"

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	177,856	0	170,866	0	163,096	0	154,958	0	146,461	0	131,428	0	116,344	0	101,233
1/4		1/4		1/4	177,719	1/4	170,713	1/4	162,926	1/4	154,789	1/4	146,147	1/4	131,114	1/4	116,029	1/4	100,918
1/2		1/2	184,551	1/2	177,581	1/2	170,559	1/2	162,757	1/2	154,619	1/2	145,834	1/2	130,800	1/2	115,714	1/2	100,603
3/4		3/4	184,482	3/4	177,442	3/4	170,403	3/4	162,588	3/4	154,450	3/4	145,520	3/4	130,486	3/4	115,399	3/4	100,288
1		1	184,412	1	177,304	1	170,248	1	162,418	1	154,280	1	145,207	1	130,171	1	115,084	1	99,974
1/4		1/4	184,343	1/4	177,165	1/4	170,093	1/4	162,248	1/4	154,111	1/4	144,893	1/4	129,857	1/4	114,770	1/4	99,659
1/2		1/2	184,273	1/2	177,026	1/2	169,938	1/2	162,079	1/2	153,941	1/2	144,580	1/2	129,543	1/2	114,455	1/2	99,344
3/4		3/4	184,153	3/4	176,886	3/4	169,781	3/4	161,909	3/4	153,771	3/4	144,266	3/4	129,229	3/4	114,140	3/4	99,029
2		2	184,032	2	176,746	2	169,624	2	161,740	2	153,602	2	143,953	2	128,915	2	113,825	2	98,714
1/4		1/4	183,911	1/4	176,606	1/4	169,468	1/4	161,570	1/4	153,432	1/4	143,639	1/4	128,600	1/4	113,511	1/4	98,399
1/2		1/2	183,791	1/2	176,466	1/2	169,311	1/2	161,401	1/2	153,263	1/2	143,326	1/2	128,286	1/2	113,196	1/2	98,085
3/4		3/4	183,629	3/4	176,325	3/4	169,153	3/4	161,231	3/4	153,093	3/4	143,013	3/4	127,972	3/4	112,881	3/4	97,770
3		3	183,467	3	176,183	3	168,995	3	161,062	3	152,924	3	142,699	3	127,658	3	112,566	3	97,455
1/4		1/4	183,306	1/4	176,042	1/4	168,837	1/4	160,892	1/4	152,754	1/4	142,386	1/4	127,343	1/4	112,251	1/4	97,140
1/2		1/2	183,144	1/2	175,901	1/2	168,679	1/2	160,723	1/2	152,585	1/2	142,072	1/2	127,029	1/2	111,937	1/2	96,825
3/4		3/4	182,977	3/4	175,758	3/4	168,520	3/4	160,553	3/4	152,415	3/4	141,759	3/4	126,715	3/4	111,622	3/4	96,511
4		4	182,809	4	175,615	4	168,361	4	160,384	4	152,246	4	141,445	4	126,401	4	111,307	4	96,196
1/4		1/4	182,642	1/4	175,472	1/4	168,202	1/4	160,214	1/4	152,076	1/4	141,132	1/4	126,086	1/4	110,992	1/4	95,881
1/2		1/2	182,475	1/2	175,330	1/2	168,042	1/2	160,044	1/2	151,907	1/2	140,818	1/2	125,772	1/2	110,678	1/2	95,566
3/4		3/4	182,307	3/4	175,186	3/4	167,882	3/4	159,875	3/4	151,737	3/4	140,505	3/4	125,458	3/4	110,363	3/4	95,251
5		5	182,140	5	175,042	5	167,721	5	159,705	5	151,567	5	140,192	5	125,144	5	110,048	5	94,936
1/4		1/4	181,973	1/4	174,897	1/4	167,561	1/4	159,536	1/4	151,398	1/4	139,878	1/4	124,829	1/4	109,733	1/4	94,622
1/2		1/2	181,805	1/2	174,753	1/2	167,400	1/2	159,366	1/2	151,228	1/2	139,565	1/2	124,515	1/2	109,419	1/2	94,307
3/4		3/4	181,638	3/4	174,608	3/4	167,238	3/4	159,197	3/4	151,059	3/4	139,252	3/4	124,201	3/4	109,104	3/4	93,992
6		6	181,471	6	174,463	6	167,076	6	159,027	6	150,889	6	138,939	6	123,887	6	108,789	6	93,677
1/4		1/4	181,303	1/4	174,317	1/4	166,914	1/4	158,858	1/4	150,720	1/4	138,626	1/4	123,573	1/4	108,474	1/4	93,362
1/2		1/2	181,136	1/2	174,172	1/2	166,752	1/2	158,688	1/2	150,550	1/2	138,314	1/2	123,258	1/2	108,159	1/2	93,047
3/4		3/4	180,969	3/4	174,025	3/4	166,589	3/4	158,519	3/4	150,381	3/4	138,001	3/4	122,944	3/4	107,844	3/4	92,733
7		7	180,802	7	173,878	7	166,425	7	158,349	7	150,211	7	137,688	7	122,630	7	107,530	7	92,418
1/4		1/4	180,634	1/4	173,732	1/4	166,262	1/4	158,180	1/4	150,042	1/4	137,375	1/4	122,316	1/4	107,215	1/4	92,103
1/2		1/2	180,467	1/2	173,585	1/2	166,099	1/2	158,010	1/2	149,872	1/2	137,062	1/2	122,001	1/2	106,900	1/2	91,788
3/4		3/4	180,302	3/4	173,436	3/4	165,934	3/4	157,840	3/4	149,703	3/4	136,750	3/4	121,687	3/4	106,585	3/4	91,473
8		8	180,137	8	173,287	8	165,770	8	157,671	8	149,533	8	136,437	8	121,373	8	106,270	8	91,158
1/4		1/4	179,971	1/4	173,139	1/4	165,605	1/4	157,501	1/4	149,363	1/4	136,124	1/4	121,059	1/4	105,955	1/4	90,844
1/2		1/2	179,806	1/2	172,990	1/2	165,441	1/2	157,332	1/2	149,194	1/2	135,811	1/2	120,744	1/2	105,641	1/2	90,529
3/4		3/4	179,658	3/4	172,840	3/4	165,275	3/4	157,162	3/4	149,024	3/4	135,498	3/4	120,430	3/4	105,326	3/4	90,214
9		9	179,511	9	172,690	9	165,109	9	156,993	9	148,855	9	135,186	9	120,116	9	105,011	9	89,899
1/4		1/4	179,363	1/4	172,540	1/4	164,943	1/4	156,823	1/4	148,685	1/4	134,873	1/4	119,802	1/4	104,696	1/4	89,584
1/2		1/2	179,215	1/2	172,390	1/2	164,778	1/2	156,654	1/2	148,516	1/2	134,560	1/2	119,487	1/2	104,381	1/2	89,269
3/4		3/4	179,080	3/4	172,238	3/4	164,610	3/4	156,484	3/4	148,346	3/4	134,247	3/4	119,173	3/4	104,066	3/4	88,955
10		10	178,945	10	172,087	10	164,443	10	156,315	10	148,177	10	133,934	10	118,859	10	103,752	10	88,640
1/4		1/4	178,811	1/4	171,936	1/4	164,276	1/4	156,145	1/4	148,007	1/4	133,622	1/4	118,545	1/4	103,437	1/4	88,325
1/2		1/2	178,676	1/2	171,784	1/2	164,109	1/2	155,976	1/2	147,838	1/2	133,309	1/2	118,231	1/2	103,122	1/2	88,010
3/4		3/4	178,540	3/4	171,632	3/4	163,940	3/4	155,806	3/4	147,650	3/4	132,996	3/4	117,916	3/4	102,807	3/4	87,695
11		11	178,404	11	171,479	11	163,772	11	155,636	11	147,463	11	132,683	11	117,602	11	102,492	11	87,380
1/4		1/4	178,268	1/4	171,327	1/4	163,603	1/4	155,467	1/4	147,275	1/4	132,370	1/4	117,288	1/4	102,177	1/4	87,066
1/2		1/2	178,131	1/2	171,174	1/2	163,434	1/2	155,297	1/2	147,087	1/2	132,057	1/2	116,973	1/2	101,863	1/2	86,751
3/4		3/4	177,994	3/4	171,020	3/4	163,265	3/4	155,128	3/4	146,774	3/4	131,743	3/4	116,658	3/4	101,548	3/4	86,436

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 396"

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	86,121	0	71,006	0	55,890	0	40,787	0	25,676	0	10,561	0		0		0		0	
1/4	85,806	1/4	70,691	1/4	55,575	1/4	40,473	1/4	25,361	1/4	10,246	1/4		1/4		1/4		1/4	
1/2	85,491	1/2	70,376	1/2	55,260	1/2	40,158	1/2	25,046	1/2	9,931	1/2		1/2		1/2		1/2	
3/4	85,177	3/4	70,061	3/4	54,946	3/4	39,844	3/4	24,731	3/4	9,616	3/4		3/4		3/4		3/4	
1	84,862	1	69,746	1	54,631	1	39,529	1	24,416	1	9,301	1		1		1		1	
1/4	84,547	1/4	69,431	1/4	54,316	1/4	39,215	1/4	24,101	1/4	8,986	1/4		1/4		1/4		1/4	
1/2	84,232	1/2	69,116	1/2	54,001	1/2	38,900	1/2	23,786	1/2	8,671	1/2		1/2		1/2		1/2	
3/4	83,917	3/4	68,801	3/4	53,686	3/4	38,586	3/4	23,471	3/4	8,356	3/4		3/4		3/4		3/4	
2	83,602	2	68,487	2	53,371	2	38,271	2	23,157	2	8,040	2		2		2		2	
1/4	83,287	1/4	68,172	1/4	53,056	1/4	37,956	1/4	22,842	1/4	7,725	1/4		1/4		1/4		1/4	
1/2	82,972	1/2	67,857	1/2	52,741	1/2	37,642	1/2	22,527	1/2	7,412	1/2		1/2		1/2		1/2	
3/4	82,657	3/4	67,542	3/4	52,426	3/4	37,327	3/4	22,212	3/4	7,097	3/4		3/4		3/4		3/4	
3	82,342	3	67,227	3	52,111	3	37,012	3	21,897	3	6,782	3		3		3		3	
1/4	82,028	1/4	66,912	1/4	51,797	1/4	36,697	1/4	21,582	1/4	6,467	1/4		1/4		1/4		1/4	
1/2	81,713	1/2	66,597	1/2	51,482	1/2	36,382	1/2	21,267	1/2	6,152	1/2		1/2		1/2		1/2	
3/4	81,398	3/4	66,282	3/4	51,167	3/4	36,067	3/4	20,952	3/4	5,837	3/4		3/4		3/4		3/4	
4	81,083	4	65,967	4	50,852	4	35,752	4	20,637	4	5,523	4		4		4		4	
1/4	80,768	1/4	65,652	1/4	50,537	1/4	35,437	1/4	20,323	1/4	5,208	1/4		1/4		1/4		1/4	
1/2	80,453	1/2	65,337	1/2	50,223	1/2	35,123	1/2	20,008	1/2	4,893	1/2		1/2		1/2		1/2	
3/4	80,138	3/4	65,023	3/4	49,908	3/4	34,808	3/4	19,693	3/4	4,581	3/4		3/4		3/4		3/4	
5	79,823	5	64,708	5	49,594	5	34,493	5	19,378	5	4,270	5		5		5		5	
1/4	79,508	1/4	64,393	1/4	49,279	1/4	34,178	1/4	19,063	1/4	3,958	1/4		1/4		1/4		1/4	
1/2	79,193	1/2	64,078	1/2	48,965	1/2	33,863	1/2	18,748	1/2	3,646	1/2		1/2		1/2		1/2	
3/4	78,878	3/4	63,763	3/4	48,650	3/4	33,548	3/4	18,434	3/4	3,364	3/4		3/4		3/4		3/4	
6	78,564	6	63,448	6	48,336	6	33,233	6	18,120	6	3,082	6		6		6		6	
1/4	78,249	1/4	63,133	1/4	48,021	1/4	32,918	1/4	17,806	1/4	2,800	1/4		1/4		1/4		1/4	
1/2	77,934	1/2	62,818	1/2	47,707	1/2	32,603	1/2	17,488	1/2	2,518	1/2		1/2		1/2		1/2	
3/4	77,619	3/4	62,503	3/4	47,392	3/4	32,289	3/4	17,174	3/4	2,288	3/4		3/4		3/4		3/4	
7	77,304	7	62,188	7	47,078	7	31,974	7	16,859	7	2,059	7		7		7		7	
1/4	76,989	1/4	61,873	1/4	46,763	1/4	31,659	1/4	16,544	1/4	1,829	1/4		1/4		1/4		1/4	
1/2	76,674	1/2	61,559	1/2	46,449	1/2	31,344	1/2	16,229	1/2	1,600	1/2		1/2		1/2		1/2	
3/4	76,359	3/4	61,244	3/4	46,134	3/4	31,029	3/4	15,914	3/4	1,423	3/4		3/4		3/4		3/4	
8	76,044	8	60,929	8	45,820	8	30,714	8	15,599	8	1,245	8		8		8		8	
1/4	75,729	1/4	60,614	1/4	45,505	1/4	30,399	1/4	15,284	1/4	1,068	1/4		1/4		1/4		1/4	
1/2	75,414	1/2	60,299	1/2	45,190	1/2	30,084	1/2	14,969	1/2	892	1/2		1/2		1/2		1/2	
3/4	75,100	3/4	59,984	3/4	44,876	3/4	29,769	3/4	14,654	3/4		3/4		3/4		3/4		3/4	
9	74,785	9	59,669	9	44,561	9	29,454	9	14,340	9		9		9		9		9	
1/4	74,470	1/4	59,354	1/4	44,247	1/4	29,140	1/4	14,025	1/4		1/4		1/4		1/4		1/4	
1/2	74,155	1/2	59,039	1/2	43,932	1/2	28,825	1/2	13,710	1/2		1/2		1/2		1/2		1/2	
3/4	73,840	3/4	58,724	3/4	43,618	3/4	28,510	3/4	13,395	3/4		3/4		3/4		3/4		3/4	
10	73,525	10	58,410	10	43,303	10	28,195	10	13,080	10		10		10		10		10	
1/4	73,210	1/4	58,095	1/4	42,989	1/4	27,880	1/4	12,765	1/4		1/4		1/4		1/4		1/4	
1/2	72,895	1/2	57,780	1/2	42,674	1/2	27,565	1/2	12,450	1/2		1/2		1/2		1/2		1/2	
3/4	72,580	3/4	57,465	3/4	42,360	3/4	27,250	3/4	12,135	3/4		3/4		3/4		3/4		3/4	
11	72,265	11	57,150	11	42,045	11	26,935	11	11,820	11		11		11		11		11	
1/4	71,951	1/4	56,835	1/4	41,731	1/4	26,620	1/4	11,506	1/4		1/4		1/4		1/4		1/4	
1/2	71,636	1/2	56,520	1/2	41,416	1/2	26,306	1/2	11,191	1/2		1/2		1/2		1/2		1/2	
3/4	71,321	3/4	56,205	3/4	41,102	3/4	25,991	3/4	10,876	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

3 STBD

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	183,375	0	176,363	0	169,350	0	161,561	0	153,449	0	144,545	0	129,534	0	114,477	0	99,390
1/4		1/4	183,306	1/4	176,225	1/4	169,196	1/4	161,392	1/4	153,280	1/4	144,232	1/4	129,220	1/4	114,163	1/4	99,075
1/2		1/2	183,237	1/2	176,086	1/2	169,041	1/2	161,223	1/2	153,111	1/2	143,919	1/2	128,906	1/2	113,849	1/2	98,761
3/4		3/4	183,168	3/4	175,948	3/4	168,886	3/4	161,054	3/4	152,942	3/4	143,606	3/4	128,593	3/4	113,535	3/4	98,446
1		1	183,048	1	175,809	1	168,730	1	160,885	1	152,773	1	143,293	1	128,279	1	113,220	1	98,132
1/4		1/4	182,928	1/4	175,669	1/4	168,574	1/4	160,716	1/4	152,604	1/4	142,980	1/4	127,966	1/4	112,906	1/4	97,818
1/2		1/2	182,808	1/2	175,530	1/2	168,418	1/2	160,547	1/2	152,435	1/2	142,667	1/2	127,652	1/2	112,592	1/2	97,503
3/4		3/4	182,688	3/4	175,390	3/4	168,262	3/4	160,378	3/4	152,266	3/4	142,354	3/4	127,339	3/4	112,277	3/4	97,189
2		2	182,527	2	175,249	2	168,104	2	160,209	2	152,097	2	142,042	2	127,025	2	111,963	2	96,875
1/4		1/4	182,366	1/4	175,109	1/4	167,947	1/4	160,040	1/4	151,928	1/4	141,729	1/4	126,712	1/4	111,649	1/4	96,560
1/2		1/2	182,205	1/2	174,968	1/2	167,790	1/2	159,871	1/2	151,759	1/2	141,416	1/2	126,398	1/2	111,335	1/2	96,246
3/4		3/4	182,044	3/4	174,827	3/4	167,632	3/4	159,702	3/4	151,590	3/4	141,103	3/4	126,085	3/4	111,020	3/4	95,932
3		3	181,877	3	174,685	3	167,474	3	159,533	3	151,421	3	140,790	3	125,772	3	110,705	3	95,617
1/4		1/4	181,710	1/4	174,543	1/4	167,315	1/4	159,364	1/4	151,252	1/4	140,477	1/4	125,458	1/4	110,391	1/4	95,303
1/2		1/2	181,544	1/2	174,401	1/2	167,156	1/2	159,195	1/2	151,083	1/2	140,164	1/2	125,145	1/2	110,076	1/2	94,989
3/4		3/4	181,377	3/4	174,258	3/4	166,998	3/4	159,026	3/4	150,914	3/4	139,851	3/4	124,831	3/4	109,763	3/4	94,674
4		4	181,210	4	174,115	4	166,838	4	158,857	4	150,745	4	139,538	4	124,518	4	109,449	4	94,360
1/4		1/4	181,043	1/4	173,971	1/4	166,678	1/4	158,688	1/4	150,576	1/4	139,225	1/4	124,204	1/4	109,134	1/4	94,045
1/2		1/2	180,876	1/2	173,828	1/2	166,517	1/2	158,519	1/2	150,407	1/2	138,912	1/2	123,891	1/2	108,820	1/2	93,731
3/4		3/4	180,710	3/4	173,684	3/4	166,357	3/4	158,350	3/4	150,238	3/4	138,599	3/4	123,577	3/4	108,506	3/4	93,417
5		5	180,543	5	173,539	5	166,196	5	158,181	5	150,069	5	138,287	5	123,264	5	108,192	5	93,102
1/4		1/4	180,376	1/4	173,395	1/4	166,034	1/4	158,012	1/4	149,900	1/4	137,974	1/4	122,951	1/4	107,877	1/4	92,788
1/2		1/2	180,209	1/2	173,250	1/2	165,873	1/2	157,843	1/2	149,731	1/2	137,662	1/2	122,637	1/2	107,563	1/2	92,474
3/4		3/4	180,043	3/4	173,105	3/4	165,712	3/4	157,674	3/4	149,562	3/4	137,350	3/4	122,324	3/4	107,248	3/4	92,159
6		6	179,876	6	172,959	6	165,549	6	157,505	6	149,393	6	137,037	6	122,010	6	106,934	6	91,845
1/4		1/4	179,709	1/4	172,813	1/4	165,386	1/4	157,336	1/4	149,224	1/4	136,725	1/4	121,697	1/4	106,620	1/4	91,531
1/2		1/2	179,542	1/2	172,666	1/2	165,223	1/2	157,167	1/2	149,055	1/2	136,413	1/2	121,383	1/2	106,305	1/2	91,216
3/4		3/4	179,376	3/4	172,520	3/4	165,061	3/4	156,998	3/4	148,886	3/4	136,100	3/4	121,070	3/4	105,991	3/4	90,902
7		7	179,211	7	172,372	7	164,897	7	156,829	7	148,717	7	135,788	7	120,756	7	105,677	7	90,588
1/4		1/4	179,046	1/4	172,224	1/4	164,733	1/4	156,660	1/4	148,548	1/4	135,476	1/4	120,442	1/4	105,362	1/4	90,273
1/2		1/2	178,882	1/2	172,076	1/2	164,569	1/2	156,491	1/2	148,379	1/2	135,163	1/2	120,128	1/2	105,048	1/2	89,959
3/4		3/4	178,717	3/4	171,928	3/4	164,405	3/4	156,322	3/4	148,210	3/4	134,851	3/4	119,815	3/4	104,734	3/4	89,644
8		8	178,570	8	171,778	8	164,240	8	156,153	8	148,041	8	134,539	8	119,501	8	104,419	8	89,330
1/4		1/4	178,423	1/4	171,629	1/4	164,074	1/4	155,984	1/4	147,872	1/4	134,226	1/4	119,187	1/4	104,105	1/4	89,016
1/2		1/2	178,275	1/2	171,479	1/2	163,909	1/2	155,815	1/2	147,703	1/2	133,914	1/2	118,873	1/2	103,791	1/2	88,701
3/4		3/4	178,128	3/4	171,330	3/4	163,744	3/4	155,646	3/4	147,534	3/4	133,602	3/4	118,560	3/4	103,476	3/4	88,387
9		9	177,994	9	171,179	9	163,577	9	155,477	9	147,365	9	133,290	9	118,246	9	103,162	9	88,073
1/4		1/4	177,860	1/4	171,028	1/4	163,410	1/4	155,308	1/4	147,196	1/4	132,977	1/4	117,932	1/4	102,847	1/4	87,758
1/2		1/2	177,725	1/2	170,877	1/2	163,244	1/2	155,139	1/2	147,027	1/2	132,665	1/2	117,618	1/2	102,533	1/2	87,444
3/4		3/4	177,591	3/4	170,727	3/4	163,077	3/4	154,970	3/4	146,858	3/4	132,353	3/4	117,305	3/4	102,219	3/4	87,130
10		10	177,456	10	170,575	10	162,909	10	154,801	10	146,671	10	132,040	10	116,991	10	101,904	10	86,815
1/4		1/4	177,320	1/4	170,422	1/4	162,741	1/4	154,632	1/4	146,484	1/4	131,728	1/4	116,677	1/4	101,590	1/4	86,501
1/2		1/2	177,185	1/2	170,270	1/2	162,573	1/2	154,463	1/2	146,297	1/2	131,415	1/2	116,363	1/2	101,276	1/2	86,187
3/4		3/4	177,049	3/4	170,118	3/4	162,405	3/4	154,294	3/4	146,110	3/4	131,103	3/4	116,049	3/4	100,961	3/4	85,872
11		11	176,912	11	169,965	11	162,236	11	154,125	11	145,797	11	130,789	11	115,735	11	100,647	11	85,558
1/4		1/4	176,775	1/4	169,812	1/4	162,067	1/4	153,956	1/4	145,484	1/4	130,475	1/4	115,422	1/4	100,333	1/4	85,244
1/2		1/2	176,638	1/2	169,658	1/2	161,899	1/2	153,787	1/2	145,171	1/2	130,161	1/2	115,108	1/2	100,018	1/2	84,929
3/4		3/4	183,444	3/4	176,501	3/4	169,505	3/4	161,730	3/4	153,618	3/4	144,858	3/4	129,847	3/4	114,792	3/4	99,704

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
<http://www.pmacorp.net>



BARGE "CBC 396"

3 STBD 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	84,300	0	69,208	0	54,181	0	39,556	0	24,703	0	9,606	0		0		0		0	
1/4	83,986	1/4	68,893	1/4	53,869	1/4	39,256	1/4	24,388	1/4	9,292	1/4		1/4		1/4		1/4	
1/2	83,672	1/2	68,579	1/2	53,557	1/2	38,955	1/2	24,074	1/2	8,977	1/2		1/2		1/2		1/2	
3/4	83,357	3/4	68,264	3/4	53,245	3/4	38,655	3/4	23,759	3/4	8,663	3/4		3/4		3/4		3/4	
1	83,043	1	67,950	1	52,934	1	38,354	1	23,445	1	8,347	1		1		1		1	
1/4	82,728	1/4	67,635	1/4	52,622	1/4	38,054	1/4	23,130	1/4	8,032	1/4		1/4		1/4		1/4	
1/2	82,414	1/2	67,321	1/2	52,310	1/2	37,753	1/2	22,816	1/2	7,717	1/2		1/2		1/2		1/2	
3/4	82,099	3/4	67,007	3/4	51,998	3/4	37,452	3/4	22,501	3/4	7,405	3/4		3/4		3/4		3/4	
2	81,785	2	66,692	2	51,687	2	37,151	2	22,187	2	7,090	2		2		2		2	
1/4	81,470	1/4	66,378	1/4	51,376	1/4	36,850	1/4	21,872	1/4	6,775	1/4		1/4		1/4		1/4	
1/2	81,156	1/2	66,063	1/2	51,065	1/2	36,548	1/2	21,558	1/2	6,461	1/2		1/2		1/2		1/2	
3/4	80,842	3/4	65,749	3/4	50,754	3/4	36,247	3/4	21,243	3/4	6,146	3/4		3/4		3/4		3/4	
3	80,527	3	65,434	3	50,443	3	35,945	3	20,929	3	5,832	3		3		3		3	
1/4	80,213	1/4	65,120	1/4	50,132	1/4	35,644	1/4	20,614	1/4	5,517	1/4		1/4		1/4		1/4	
1/2	79,898	1/2	64,806	1/2	49,820	1/2	35,342	1/2	20,300	1/2	5,202	1/2		1/2		1/2		1/2	
3/4	79,584	3/4	64,491	3/4	49,509	3/4	35,040	3/4	19,985	3/4	4,887	3/4		3/4		3/4		3/4	
4	79,269	4	64,177	4	49,198	4	34,736	4	19,671	4	4,576	4		4		4		4	
1/4	78,955	1/4	63,862	1/4	48,888	1/4	34,432	1/4	19,356	1/4	4,265	1/4		1/4		1/4		1/4	
1/2	78,641	1/2	63,548	1/2	48,577	1/2	34,128	1/2	19,042	1/2	3,954	1/2		1/2		1/2		1/2	
3/4	78,326	3/4	63,233	3/4	48,266	3/4	33,824	3/4	18,727	3/4	3,643	3/4		3/4		3/4		3/4	
5	78,012	5	62,919	5	47,966	5	33,509	5	18,413	5	3,361	5		5		5		5	
1/4	77,697	1/4	62,605	1/4	47,665	1/4	33,195	1/4	18,100	1/4	3,080	1/4		1/4		1/4		1/4	
1/2	77,383	1/2	62,291	1/2	47,365	1/2	32,880	1/2	17,786	1/2	2,799	1/2		1/2		1/2		1/2	
3/4	77,068	3/4	61,977	3/4	47,065	3/4	32,566	3/4	17,469	3/4	2,517	3/4		3/4		3/4		3/4	
6	76,754	6	61,665	6	46,764	6	32,251	6	17,155	6	2,288	6		6		6		6	
1/4	76,440	1/4	61,353	1/4	46,464	1/4	31,937	1/4	16,840	1/4	2,059	1/4		1/4		1/4		1/4	
1/2	76,125	1/2	61,041	1/2	46,164	1/2	31,622	1/2	16,526	1/2	1,830	1/2		1/2		1/2		1/2	
3/4	75,811	3/4	60,730	3/4	45,863	3/4	31,308	3/4	16,211	3/4	1,600	3/4		3/4		3/4		3/4	
7	75,496	7	60,418	7	45,563	7	30,993	7	15,897	7	1,423	7		7		7		7	
1/4	75,182	1/4	60,106	1/4	45,263	1/4	30,679	1/4	15,582	1/4	1,246	1/4		1/4		1/4		1/4	
1/2	74,867	1/2	59,794	1/2	44,962	1/2	30,364	1/2	15,268	1/2	1,069	1/2		1/2		1/2		1/2	
3/4	74,553	3/4	59,482	3/4	44,662	3/4	30,050	3/4	14,953	3/4	892	3/4		3/4		3/4		3/4	
8	74,239	8	59,170	8	44,362	8	29,735	8	14,639	8		8		8		8		8	
1/4	73,924	1/4	58,859	1/4	44,061	1/4	29,421	1/4	14,324	1/4		1/4		1/4		1/4		1/4	
1/2	73,610	1/2	58,547	1/2	43,761	1/2	29,106	1/2	14,009	1/2		1/2		1/2		1/2		1/2	
3/4	73,295	3/4	58,235	3/4	43,460	3/4	28,792	3/4	13,695	3/4		3/4		3/4		3/4		3/4	
9	72,981	9	57,923	9	43,160	9	28,477	9	13,380	9		9		9		9		9	
1/4	72,666	1/4	57,611	1/4	42,860	1/4	28,163	1/4	13,066	1/4		1/4		1/4		1/4		1/4	
1/2	72,352	1/2	57,299	1/2	42,559	1/2	27,848	1/2	12,751	1/2		1/2		1/2		1/2		1/2	
3/4	72,038	3/4	56,988	3/4	42,259	3/4	27,534	3/4	12,437	3/4		3/4		3/4		3/4		3/4	
10	71,723	10	56,676	10	41,959	10	27,219	10	12,122	10		10		10		10		10	
1/4	71,409	1/4	56,364	1/4	41,658	1/4	26,905	1/4	11,808	1/4		1/4		1/4		1/4		1/4	
1/2	71,094	1/2	56,052	1/2	41,358	1/2	26,590	1/2	11,493	1/2		1/2		1/2		1/2		1/2	
3/4	70,780	3/4	55,740	3/4	41,058	3/4	26,276	3/4	11,179	3/4		3/4		3/4		3/4		3/4	
11	70,465	11	55,428	11	40,757	11	25,961	11	10,864	11		11		11		11		11	
1/4	70,151	1/4	55,117	1/4	40,457	1/4	25,647	1/4	10,550	1/4		1/4		1/4		1/4		1/4	
1/2	69,836	1/2	54,805	1/2	40,157	1/2	25,332	1/2	10,235	1/2		1/2		1/2		1/2		1/2	
3/4	69,522	3/4	54,493	3/4	39,856	3/4	25,018	3/4	9,921	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 12/2014

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