



BARGE "CBC 390"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

November 20, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	965	0	15,237	0	30,470	0	45,693	0	60,917	0	76,150	0	91,384	0	106,618	0	121,847	0	137,075
1/4	1,150	1/4	15,554	1/4	30,788	1/4	46,010	1/4	61,234	1/4	76,468	1/4	91,701	1/4	106,935	1/4	122,165	1/4	137,393
1/2	1,335	1/2	15,872	1/2	31,105	1/2	46,327	1/2	61,551	1/2	76,785	1/2	92,019	1/2	107,253	1/2	122,482	1/2	137,710
3/4	1,520	3/4	16,189	3/4	31,422	3/4	46,644	3/4	61,869	3/4	77,103	3/4	92,336	3/4	107,570	3/4	122,799	3/4	138,027
1	1,705	1	16,506	1	31,740	1	46,961	1	62,186	1	77,420	1	92,654	1	107,887	1	123,116	1	138,344
1/4	1,943	1/4	16,824	1/4	32,057	1/4	47,278	1/4	62,504	1/4	77,737	1/4	92,971	1/4	108,205	1/4	123,434	1/4	138,662
1/2	2,181	1/2	17,141	1/2	32,374	1/2	47,594	1/2	62,821	1/2	78,055	1/2	93,288	1/2	108,522	1/2	123,751	1/2	138,979
3/4	2,419	3/4	17,459	3/4	32,692	3/4	47,911	3/4	63,138	3/4	78,372	3/4	93,606	3/4	108,839	3/4	124,068	3/4	139,296
2	2,657	2	17,776	2	33,009	2	48,228	2	63,456	2	78,689	2	93,923	2	109,157	2	124,385	2	139,613
1/4	2,948	1/4	18,093	1/4	33,326	1/4	48,545	1/4	63,773	1/4	79,007	1/4	94,240	1/4	109,474	1/4	124,703	1/4	139,931
1/2	3,239	1/2	18,411	1/2	33,644	1/2	48,862	1/2	64,090	1/2	79,324	1/2	94,558	1/2	109,792	1/2	125,020	1/2	140,248
3/4	3,529	3/4	18,728	3/4	33,961	3/4	49,179	3/4	64,408	3/4	79,641	3/4	94,875	3/4	110,109	3/4	125,337	3/4	140,565
3	3,820	3	19,045	3	34,278	3	49,496	3	64,725	3	79,959	3	95,193	3	110,426	3	125,654	3	140,882
1/4	4,136	1/4	19,363	1/4	34,596	1/4	49,812	1/4	65,043	1/4	80,276	1/4	95,510	1/4	110,743	1/4	125,972	1/4	141,200
1/2	4,452	1/2	19,680	1/2	34,913	1/2	50,129	1/2	65,360	1/2	80,594	1/2	95,827	1/2	111,061	1/2	126,289	1/2	141,517
3/4	4,768	3/4	19,997	3/4	35,231	3/4	50,446	3/4	65,677	3/4	80,911	3/4	96,145	3/4	111,378	3/4	126,606	3/4	141,834
4	5,084	4	20,315	4	35,548	4	50,763	4	65,995	4	81,228	4	96,462	4	111,695	4	126,923	4	142,151
1/4	5,401	1/4	20,632	1/4	35,865	1/4	51,080	1/4	66,312	1/4	81,546	1/4	96,779	1/4	112,013	1/4	127,241	1/4	142,469
1/2	5,717	1/2	20,949	1/2	36,183	1/2	51,397	1/2	66,629	1/2	81,863	1/2	97,097	1/2	112,330	1/2	127,558	1/2	142,786
3/4	6,034	3/4	21,267	3/4	36,500	3/4	51,714	3/4	66,947	3/4	82,180	3/4	97,414	3/4	112,647	3/4	127,875	3/4	143,103
5	6,351	5	21,584	5	36,817	5	52,030	5	67,264	5	82,498	5	97,731	5	112,964	5	128,192	5	143,420
1/4	6,669	1/4	21,902	1/4	37,135	1/4	52,348	1/4	67,581	1/4	82,815	1/4	98,049	1/4	113,282	1/4	128,510	1/4	143,738
1/2	6,986	1/2	22,219	1/2	37,452	1/2	52,665	1/2	67,899	1/2	83,133	1/2	98,366	1/2	113,599	1/2	128,827	1/2	144,055
3/4	7,303	3/4	22,536	3/4	37,769	3/4	52,982	3/4	68,216	3/4	83,450	3/4	98,684	3/4	113,916	3/4	129,144	3/4	144,372
6	7,621	6	22,854	6	38,087	6	53,300	6	68,534	6	83,767	6	99,001	6	114,233	6	129,461	6	144,689
1/4	7,938	1/4	23,171	1/4	38,404	1/4	53,617	1/4	68,851	1/4	84,085	1/4	99,318	1/4	114,551	1/4	129,779	1/4	145,007
1/2	8,255	1/2	23,488	1/2	38,721	1/2	53,935	1/2	69,168	1/2	84,402	1/2	99,636	1/2	114,868	1/2	130,096	1/2	145,324
3/4	8,573	3/4	23,806	3/4	39,039	3/4	54,252	3/4	69,486	3/4	84,719	3/4	99,953	3/4	115,185	3/4	130,413	3/4	145,641
7	8,890	7	24,123	7	39,356	7	54,569	7	69,803	7	85,037	7	100,270	7	115,502	7	130,730	7	145,958
1/4	9,207	1/4	24,440	1/4	39,673	1/4	54,887	1/4	70,120	1/4	85,354	1/4	100,588	1/4	115,820	1/4	131,048	1/4	146,276
1/2	9,525	1/2	24,758	1/2	39,990	1/2	55,204	1/2	70,438	1/2	85,671	1/2	100,905	1/2	116,137	1/2	131,365	1/2	146,593
3/4	9,842	3/4	25,075	3/4	40,307	3/4	55,521	3/4	70,755	3/4	85,989	3/4	101,223	3/4	116,454	3/4	131,682	3/4	146,910
8	10,159	8	25,392	8	40,624	8	55,839	8	71,073	8	86,306	8	101,540	8	116,771	8	131,999	8	147,227
1/4	10,477	1/4	25,710	1/4	40,940	1/4	56,156	1/4	71,390	1/4	86,624	1/4	101,857	1/4	117,089	1/4	132,317	1/4	147,545
1/2	10,794	1/2	26,027	1/2	41,257	1/2	56,474	1/2	71,707	1/2	86,941	1/2	102,175	1/2	117,406	1/2	132,634	1/2	147,862
3/4	11,111	3/4	26,345	3/4	41,574	3/4	56,791	3/4	72,025	3/4	87,258	3/4	102,492	3/4	117,723	3/4	132,951	3/4	148,179
9	11,429	9	26,662	9	41,891	9	57,108	9	72,342	9	87,576	9	102,809	9	118,040	9	133,268	9	148,496
1/4	11,746	1/4	26,979	1/4	42,208	1/4	57,426	1/4	72,659	1/4	87,893	1/4	103,127	1/4	118,358	1/4	133,586	1/4	148,814
1/2	12,064	1/2	27,297	1/2	42,525	1/2	57,743	1/2	72,977	1/2	88,210	1/2	103,444	1/2	118,675	1/2	133,903	1/2	149,131
3/4	12,381	3/4	27,614	3/4	42,842	3/4	58,060	3/4	73,294	3/4	88,528	3/4	103,762	3/4	118,992	3/4	134,220	3/4	149,448
10	12,698	10	27,931	10	43,158	10	58,378	10	73,611	10	88,845	10	104,079	10	119,309	10	134,537	10	149,765
1/4	13,016	1/4	28,249	1/4	43,475	1/4	58,695	1/4	73,929	1/4	89,163	1/4	104,396	1/4	119,627	1/4	134,855	1/4	150,083
1/2	13,333	1/2	28,566	1/2	43,792	1/2	59,013	1/2	74,246	1/2	89,480	1/2	104,714	1/2	119,944	1/2	135,172	1/2	150,400
3/4	13,650	3/4	28,883	3/4	44,109	3/4	59,330	3/4	74,564	3/4	89,797	3/4	105,031	3/4	120,261	3/4	135,489	3/4	150,717
11	13,968	11	29,201	11	44,426	11	59,647	11	74,881	11	90,115	11	105,348	11	120,578	11	135,806	11	151,034
1/4	14,285	1/4	29,518	1/4	44,743	1/4	59,965	1/4	75,198	1/4	90,432	1/4	105,666	1/4	120,896	1/4	136,124	1/4	151,352
1/2	14,602	1/2	29,835	1/2	45,060	1/2	60,282	1/2	75,516	1/2	90,749	1/2	105,983	1/2	121,213	1/2	136,441	1/2	151,669
3/4	14,920	3/4	30,153	3/4	45,376	3/4	60,599	3/4	75,833	3/4	91,067	3/4	106,300	3/4	121,530	3/4	136,758	3/4	151,986

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 390"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,303	0	167,531	0	182,760	0	197,785	0	212,045	0		0		0		0		0	
1/4	152,621	1/4	167,849	1/4	183,077	1/4	198,090	1/4	212,331	1/4		1/4		1/4		1/4		1/4	
1/2	152,938	1/2	168,166	1/2	183,394	1/2	198,396	1/2	212,617	1/2		1/2		1/2		1/2		1/2	
3/4	153,255	3/4	168,483	3/4	183,711	3/4	198,701	3/4	212,903	3/4		3/4		3/4		3/4		3/4	
1	153,572	1	168,800	1	184,029	1	199,006	1	213,190	1		1		1		1		1	
1/4	153,890	1/4	169,118	1/4	184,346	1/4	199,309	1/4	213,474	1/4		1/4		1/4		1/4		1/4	
1/2	154,207	1/2	169,435	1/2	184,663	1/2	199,612	1/2	213,759	1/2		1/2		1/2		1/2		1/2	
3/4	154,524	3/4	169,752	3/4	184,980	3/4	199,915	3/4	214,044	3/4		3/4		3/4		3/4		3/4	
2	154,841	2	170,069	2	185,298	2	200,218	2	214,329	2		2		2		2		2	
1/4	155,159	1/4	170,387	1/4	185,615	1/4	200,519	1/4	214,613	1/4		1/4		1/4		1/4		1/4	
1/2	155,476	1/2	170,704	1/2	185,932	1/2	200,821	1/2	214,896	1/2		1/2		1/2		1/2		1/2	
3/4	155,793	3/4	171,021	3/4	186,249	3/4	201,122	3/4	215,180	3/4		3/4		3/4		3/4		3/4	
3	156,110	3	171,338	3	186,567	3	201,424	3	215,463	3		3		3		3		3	
1/4	156,428	1/4	171,656	1/4	186,883	1/4	201,724	1/4	215,745	1/4		1/4		1/4		1/4		1/4	
1/2	156,745	1/2	171,973	1/2	187,200	1/2	202,025	1/2	216,027	1/2		1/2		1/2		1/2		1/2	
3/4	157,062	3/4	172,290	3/4	187,517	3/4	202,325	3/4	216,309	3/4		3/4		3/4		3/4		3/4	
4	157,379	4	172,607	4	187,834	4	202,625	4	216,591	4		4		4		4		4	
1/4	157,697	1/4	172,925	1/4	188,149	1/4	202,925	1/4	216,871	1/4		1/4		1/4		1/4		1/4	
1/2	158,014	1/2	173,242	1/2	188,464	1/2	203,224	1/2	217,150	1/2		1/2		1/2		1/2		1/2	
3/4	158,331	3/4	173,559	3/4	188,780	3/4	203,523	3/4	217,430	3/4		3/4		3/4		3/4		3/4	
5	158,648	5	173,876	5	189,095	5	203,822	5	217,710	5		5		5		5		5	
1/4	158,966	1/4	174,194	1/4	189,409	1/4	204,120	1/4	217,963	1/4		1/4		1/4		1/4		1/4	
1/2	159,283	1/2	174,511	1/2	189,723	1/2	204,417	1/2	218,216	1/2		1/2		1/2		1/2		1/2	
3/4	159,600	3/4	174,828	3/4	190,037	3/4	204,715	3/4	218,470	3/4		3/4		3/4		3/4		3/4	
6	159,917	6	175,145	6	190,352	6	205,013	6	218,723	6		6		6		6		6	
1/4	160,235	1/4	175,463	1/4	190,664	1/4	205,310	1/4	218,957	1/4		1/4		1/4		1/4		1/4	
1/2	160,552	1/2	175,780	1/2	190,977	1/2	205,606	1/2	219,190	1/2		1/2		1/2		1/2		1/2	
3/4	160,869	3/4	176,097	3/4	191,290	3/4	205,903	3/4	219,424	3/4		3/4		3/4		3/4		3/4	
7	161,186	7	176,414	7	191,603	7	206,199	7	219,658	7		7		7		7		7	
1/4	161,504	1/4	176,732	1/4	191,915	1/4	206,495	1/4	219,840	1/4		1/4		1/4		1/4		1/4	
1/2	161,821	1/2	177,049	1/2	192,226	1/2	206,790	1/2	220,022	1/2		1/2		1/2		1/2		1/2	
3/4	162,138	3/4	177,366	3/4	192,538	3/4	207,085	3/4	220,204	3/4		3/4		3/4		3/4		3/4	
8	162,455	8	177,684	8	192,849	8	207,381	8	220,386	8		8		8		8		8	
1/4	162,773	1/4	178,001	1/4	193,160	1/4	207,675	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,090	1/2	178,318	1/2	193,470	1/2	207,969	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,407	3/4	178,635	3/4	193,780	3/4	208,263	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,724	9	178,953	9	194,091	9	208,557	9		9		9		9		9		9	
1/4	164,042	1/4	179,270	1/4	194,400	1/4	208,850	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,359	1/2	179,587	1/2	194,709	1/2	209,143	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,676	3/4	179,904	3/4	195,018	3/4	209,436	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,993	10	180,222	10	195,327	10	209,729	10		10		10		10		10		10	
1/4	165,311	1/4	180,539	1/4	195,635	1/4	210,020	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,628	1/2	180,856	1/2	195,943	1/2	210,312	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,945	3/4	181,173	3/4	196,251	3/4	210,604	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,262	11	181,491	11	196,559	11	210,895	11		11		11		11		11		11	
1/4	166,580	1/4	181,808	1/4	196,865	1/4	211,183	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,897	1/2	182,125	1/2	197,172	1/2	211,470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,214	3/4	182,442	3/4	197,478	3/4	211,758	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 390"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	965	0	15,237	0	30,470	0	45,653	0	60,837	0	76,071	0	91,304	0	106,538	0	121,768	0	136,996
1/4	1,150	1/4	15,554	1/4	30,788	1/4	45,969	1/4	61,154	1/4	76,388	1/4	91,622	1/4	106,855	1/4	122,085	1/4	137,313
1/2	1,335	1/2	15,872	1/2	31,105	1/2	46,284	1/2	61,472	1/2	76,705	1/2	91,939	1/2	107,173	1/2	122,402	1/2	137,630
3/4	1,520	3/4	16,189	3/4	31,422	3/4	46,599	3/4	61,789	3/4	77,023	3/4	92,256	3/4	107,490	3/4	122,719	3/4	137,947
1	1,705	1	16,506	1	31,740	1	46,914	1	62,106	1	77,340	1	92,574	1	107,808	1	123,037	1	138,265
1/4	1,943	1/4	16,824	1/4	32,057	1/4	47,229	1/4	62,424	1/4	77,657	1/4	92,891	1/4	108,125	1/4	123,354	1/4	138,582
1/2	2,181	1/2	17,141	1/2	32,374	1/2	47,545	1/2	62,741	1/2	77,975	1/2	93,209	1/2	108,442	1/2	123,671	1/2	138,899
3/4	2,419	3/4	17,459	3/4	32,692	3/4	47,860	3/4	63,059	3/4	78,292	3/4	93,526	3/4	108,760	3/4	123,988	3/4	139,216
2	2,657	2	17,776	2	33,009	2	48,175	2	63,376	2	78,610	2	93,843	2	109,077	2	124,306	2	139,534
1/4	2,948	1/4	18,093	1/4	33,326	1/4	48,490	1/4	63,693	1/4	78,927	1/4	94,161	1/4	109,394	1/4	124,623	1/4	139,851
1/2	3,239	1/2	18,411	1/2	33,644	1/2	48,805	1/2	64,011	1/2	79,244	1/2	94,478	1/2	109,712	1/2	124,940	1/2	140,168
3/4	3,529	3/4	18,728	3/4	33,961	3/4	49,121	3/4	64,328	3/4	79,562	3/4	94,795	3/4	110,029	3/4	125,257	3/4	140,485
3	3,820	3	19,045	3	34,278	3	49,436	3	64,645	3	79,879	3	95,113	3	110,346	3	125,575	3	140,803
1/4	4,136	1/4	19,363	1/4	34,596	1/4	49,751	1/4	64,963	1/4	80,196	1/4	95,430	1/4	110,664	1/4	125,892	1/4	141,120
1/2	4,452	1/2	19,680	1/2	34,913	1/2	50,066	1/2	65,280	1/2	80,514	1/2	95,748	1/2	110,981	1/2	126,209	1/2	141,437
3/4	4,768	3/4	19,997	3/4	35,231	3/4	50,381	3/4	65,597	3/4	80,831	3/4	96,065	3/4	111,298	3/4	126,526	3/4	141,754
4	5,084	4	20,315	4	35,548	4	50,697	4	65,915	4	81,149	4	96,382	4	111,615	4	126,844	4	142,072
1/4	5,401	1/4	20,632	1/4	35,865	1/4	51,012	1/4	66,232	1/4	81,466	1/4	96,700	1/4	111,933	1/4	127,161	1/4	142,389
1/2	5,717	1/2	20,949	1/2	36,183	1/2	51,327	1/2	66,550	1/2	81,783	1/2	97,017	1/2	112,250	1/2	127,478	1/2	142,706
3/4	6,034	3/4	21,267	3/4	36,500	3/4	51,642	3/4	66,867	3/4	82,101	3/4	97,334	3/4	112,567	3/4	127,795	3/4	143,023
5	6,351	5	21,584	5	36,817	5	51,957	5	67,184	5	82,418	5	97,652	5	112,884	5	128,113	5	143,341
1/4	6,669	1/4	21,902	1/4	37,135	1/4	52,273	1/4	67,502	1/4	82,735	1/4	97,969	1/4	113,202	1/4	128,430	1/4	143,658
1/2	6,986	1/2	22,219	1/2	37,452	1/2	52,589	1/2	67,819	1/2	83,053	1/2	98,286	1/2	113,519	1/2	128,747	1/2	143,975
3/4	7,303	3/4	22,536	3/4	37,769	3/4	52,904	3/4	68,136	3/4	83,370	3/4	98,604	3/4	113,836	3/4	129,064	3/4	144,292
6	7,621	6	22,854	6	38,087	6	53,220	6	68,454	6	83,687	6	98,921	6	114,153	6	129,382	6	144,610
1/4	7,938	1/4	23,171	1/4	38,402	1/4	53,537	1/4	68,771	1/4	84,005	1/4	99,239	1/4	114,471	1/4	129,699	1/4	144,927
1/2	8,255	1/2	23,488	1/2	38,718	1/2	53,855	1/2	69,089	1/2	84,322	1/2	99,556	1/2	114,788	1/2	130,016	1/2	145,244
3/4	8,573	3/4	23,806	3/4	39,034	3/4	54,172	3/4	69,406	3/4	84,640	3/4	99,873	3/4	115,105	3/4	130,333	3/4	145,561
7	8,890	7	24,123	7	39,350	7	54,490	7	69,723	7	84,957	7	100,191	7	115,422	7	130,651	7	145,879
1/4	9,207	1/4	24,440	1/4	39,665	1/4	54,807	1/4	70,041	1/4	85,274	1/4	100,508	1/4	115,740	1/4	130,968	1/4	146,196
1/2	9,525	1/2	24,758	1/2	39,980	1/2	55,124	1/2	70,358	1/2	85,592	1/2	100,825	1/2	116,057	1/2	131,285	1/2	146,513
3/4	9,842	3/4	25,075	3/4	40,295	3/4	55,442	3/4	70,675	3/4	85,909	3/4	101,143	3/4	116,374	3/4	131,602	3/4	146,830
8	10,159	8	25,392	8	40,610	8	55,759	8	70,993	8	86,226	8	101,460	8	116,691	8	131,920	8	147,148
1/4	10,477	1/4	25,710	1/4	40,926	1/4	56,076	1/4	71,310	1/4	86,544	1/4	101,778	1/4	117,009	1/4	132,237	1/4	147,465
1/2	10,794	1/2	26,027	1/2	41,241	1/2	56,394	1/2	71,627	1/2	86,861	1/2	102,095	1/2	117,326	1/2	132,554	1/2	147,782
3/4	11,111	3/4	26,345	3/4	41,556	3/4	56,711	3/4	71,945	3/4	87,179	3/4	102,412	3/4	117,643	3/4	132,871	3/4	148,099
9	11,429	9	26,662	9	41,871	9	57,029	9	72,262	9	87,496	9	102,730	9	117,961	9	133,189	9	148,417
1/4	11,746	1/4	26,979	1/4	42,186	1/4	57,346	1/4	72,580	1/4	87,813	1/4	103,047	1/4	118,278	1/4	133,506	1/4	148,734
1/2	12,064	1/2	27,297	1/2	42,501	1/2	57,663	1/2	72,897	1/2	88,131	1/2	103,364	1/2	118,595	1/2	133,823	1/2	149,051
3/4	12,381	3/4	27,614	3/4	42,817	3/4	57,981	3/4	73,214	3/4	88,448	3/4	103,682	3/4	118,912	3/4	134,140	3/4	149,368
10	12,698	10	27,931	10	43,132	10	58,298	10	73,532	10	88,765	10	103,999	10	119,230	10	134,458	10	149,686
1/4	13,016	1/4	28,249	1/4	43,447	1/4	58,615	1/4	73,849	1/4	89,083	1/4	104,316	1/4	119,547	1/4	134,775	1/4	150,003
1/2	13,333	1/2	28,566	1/2	43,762	1/2	58,933	1/2	74,166	1/2	89,400	1/2	104,634	1/2	119,864	1/2	135,092	1/2	150,320
3/4	13,650	3/4	28,883	3/4	44,077	3/4	59,250	3/4	74,484	3/4	89,718	3/4	104,951	3/4	120,181	3/4	135,409	3/4	150,637
11	13,968	11	29,201	11	44,393	11	59,567	11	74,801	11	90,035	11	105,269	11	120,499	11	135,727	11	150,955
1/4	14,285	1/4	29,518	1/4	44,708	1/4	59,885	1/4	75,119	1/4	90,352	1/4	105,586	1/4	120,816	1/4	136,044	1/4	151,272
1/2	14,602	1/2	29,835	1/2	45,023	1/2	60,202	1/2	75,436	1/2	90,670	1/2	105,903	1/2	121,133	1/2	136,361	1/2	151,589
3/4	14,920	3/4	30,153	3/4	45,338	3/4	60,520	3/4	75,753	3/4	90,987	3/4	106,221	3/4	121,450	3/4	136,678	3/4	151,906

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,224	0	167,452	0	182,680	0	197,705	0	211,965	0		0		0		0		0	
1/4	152,541	1/4	167,769	1/4	182,997	1/4	198,010	1/4	212,251	1/4		1/4		1/4		1/4		1/4	
1/2	152,858	1/2	168,086	1/2	183,314	1/2	198,316	1/2	212,537	1/2		1/2		1/2		1/2		1/2	
3/4	153,175	3/4	168,403	3/4	183,632	3/4	198,621	3/4	212,824	3/4		3/4		3/4		3/4		3/4	
1	153,493	1	168,721	1	183,949	1	198,926	1	213,110	1		1		1		1		1	
1/4	153,810	1/4	169,038	1/4	184,266	1/4	199,229	1/4	213,395	1/4		1/4		1/4		1/4		1/4	
1/2	154,127	1/2	169,355	1/2	184,583	1/2	199,532	1/2	213,679	1/2		1/2		1/2		1/2		1/2	
3/4	154,444	3/4	169,672	3/4	184,901	3/4	199,835	3/4	213,964	3/4		3/4		3/4		3/4		3/4	
2	154,762	2	169,990	2	185,218	2	200,138	2	214,249	2		2		2		2		2	
1/4	155,079	1/4	170,307	1/4	185,535	1/4	200,439	1/4	214,533	1/4		1/4		1/4		1/4		1/4	
1/2	155,396	1/2	170,624	1/2	185,852	1/2	200,741	1/2	214,816	1/2		1/2		1/2		1/2		1/2	
3/4	155,713	3/4	170,941	3/4	186,170	3/4	201,043	3/4	215,100	3/4		3/4		3/4		3/4		3/4	
3	156,031	3	171,259	3	186,487	3	201,344	3	215,384	3		3		3		3		3	
1/4	156,348	1/4	171,576	1/4	186,804	1/4	201,645	1/4	215,665	1/4		1/4		1/4		1/4		1/4	
1/2	156,665	1/2	171,893	1/2	187,120	1/2	201,945	1/2	215,947	1/2		1/2		1/2		1/2		1/2	
3/4	156,982	3/4	172,210	3/4	187,437	3/4	202,245	3/4	216,229	3/4		3/4		3/4		3/4		3/4	
4	157,300	4	172,528	4	187,754	4	202,546	4	216,511	4		4		4		4		4	
1/4	157,617	1/4	172,845	1/4	188,069	1/4	202,845	1/4	216,791	1/4		1/4		1/4		1/4		1/4	
1/2	157,934	1/2	173,162	1/2	188,385	1/2	203,144	1/2	217,070	1/2		1/2		1/2		1/2		1/2	
3/4	158,251	3/4	173,479	3/4	188,700	3/4	203,443	3/4	217,350	3/4		3/4		3/4		3/4		3/4	
5	158,569	5	173,797	5	189,015	5	203,742	5	217,630	5		5		5		5		5	
1/4	158,886	1/4	174,114	1/4	189,329	1/4	204,040	1/4	217,883	1/4		1/4		1/4		1/4		1/4	
1/2	159,203	1/2	174,431	1/2	189,644	1/2	204,338	1/2	218,136	1/2		1/2		1/2		1/2		1/2	
3/4	159,520	3/4	174,748	3/4	189,958	3/4	204,635	3/4	218,390	3/4		3/4		3/4		3/4		3/4	
6	159,838	6	175,066	6	190,272	6	204,933	6	218,643	6		6		6		6		6	
1/4	160,155	1/4	175,383	1/4	190,585	1/4	205,230	1/4	218,877	1/4		1/4		1/4		1/4		1/4	
1/2	160,472	1/2	175,700	1/2	190,897	1/2	205,526	1/2	219,111	1/2		1/2		1/2		1/2		1/2	
3/4	160,789	3/4	176,017	3/4	191,210	3/4	205,823	3/4	219,344	3/4		3/4		3/4		3/4		3/4	
7	161,107	7	176,335	7	191,523	7	206,120	7	219,578	7		7		7		7		7	
1/4	161,424	1/4	176,652	1/4	191,835	1/4	206,415	1/4	219,760	1/4		1/4		1/4		1/4		1/4	
1/2	161,741	1/2	176,969	1/2	192,146	1/2	206,710	1/2	219,942	1/2		1/2		1/2		1/2		1/2	
3/4	162,058	3/4	177,286	3/4	192,458	3/4	207,006	3/4	220,124	3/4		3/4		3/4		3/4		3/4	
8	162,376	8	177,604	8	192,770	8	207,301	8	220,306	8		8		8		8		8	
1/4	162,693	1/4	177,921	1/4	193,080	1/4	207,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,010	1/2	178,238	1/2	193,390	1/2	207,889	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,327	3/4	178,555	3/4	193,701	3/4	208,183	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,645	9	178,873	9	194,011	9	208,477	9		9		9		9		9		9	
1/4	163,962	1/4	179,190	1/4	194,320	1/4	208,770	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,279	1/2	179,507	1/2	194,629	1/2	209,063	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,596	3/4	179,824	3/4	194,938	3/4	209,356	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,914	10	180,142	10	195,247	10	209,649	10		10		10		10		10		10	
1/4	165,231	1/4	180,459	1/4	195,555	1/4	209,941	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,548	1/2	180,776	1/2	195,863	1/2	210,232	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,865	3/4	181,093	3/4	196,171	3/4	210,524	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,183	11	181,411	11	196,479	11	210,816	11		11		11		11		11		11	
1/4	166,500	1/4	181,728	1/4	196,785	1/4	211,103	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,817	1/2	182,045	1/2	197,092	1/2	211,390	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,134	3/4	182,362	3/4	197,399	3/4	211,678	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 390"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	961	0	15,184	0	30,364	0	45,535	0	60,705	0	75,886	0	91,066	0	106,247	0	121,424	0	136,599
1/4	1,146	1/4	15,500	1/4	30,681	1/4	45,850	1/4	61,021	1/4	76,202	1/4	91,383	1/4	106,563	1/4	121,740	1/4	136,915
1/2	1,330	1/2	15,817	1/2	30,997	1/2	46,166	1/2	61,337	1/2	76,518	1/2	91,699	1/2	106,880	1/2	122,056	1/2	137,231
3/4	1,515	3/4	16,133	3/4	31,313	3/4	46,482	3/4	61,654	3/4	76,834	3/4	92,015	3/4	107,196	3/4	122,372	3/4	137,547
1	1,699	1	16,449	1	31,629	1	46,798	1	61,970	1	77,151	1	92,331	1	107,512	1	122,688	1	137,863
1/4	1,936	1/4	16,765	1/4	31,946	1/4	47,113	1/4	62,286	1/4	77,467	1/4	92,648	1/4	107,828	1/4	123,004	1/4	138,180
1/2	2,173	1/2	17,082	1/2	32,262	1/2	47,429	1/2	62,603	1/2	77,783	1/2	92,964	1/2	108,145	1/2	123,320	1/2	138,496
3/4	2,411	3/4	17,398	3/4	32,578	3/4	47,745	3/4	62,919	3/4	78,099	3/4	93,280	3/4	108,461	3/4	123,637	3/4	138,812
2	2,648	2	17,714	2	32,895	2	48,061	2	63,235	2	78,416	2	93,596	2	108,777	2	123,953	2	139,128
1/4	2,938	1/4	18,030	1/4	33,211	1/4	48,376	1/4	63,551	1/4	78,732	1/4	93,913	1/4	109,093	1/4	124,269	1/4	139,444
1/2	3,227	1/2	18,347	1/2	33,527	1/2	48,692	1/2	63,868	1/2	79,048	1/2	94,229	1/2	109,410	1/2	124,585	1/2	139,760
3/4	3,517	3/4	18,663	3/4	33,843	3/4	49,008	3/4	64,184	3/4	79,365	3/4	94,545	3/4	109,726	3/4	124,901	3/4	140,076
3	3,807	3	18,979	3	34,160	3	49,324	3	64,500	3	79,681	3	94,861	3	110,042	3	125,217	3	140,393
1/4	4,122	1/4	19,296	1/4	34,476	1/4	49,639	1/4	64,816	1/4	79,997	1/4	95,178	1/4	110,358	1/4	125,534	1/4	140,709
1/2	4,436	1/2	19,612	1/2	34,792	1/2	49,955	1/2	65,133	1/2	80,313	1/2	95,494	1/2	110,674	1/2	125,850	1/2	141,025
3/4	4,751	3/4	19,928	3/4	35,108	3/4	50,271	3/4	65,449	3/4	80,630	3/4	95,810	3/4	110,991	3/4	126,166	3/4	141,341
4	5,066	4	20,244	4	35,425	4	50,587	4	65,765	4	80,946	4	96,127	4	111,307	4	126,482	4	141,657
1/4	5,382	1/4	20,561	1/4	35,741	1/4	50,902	1/4	66,081	1/4	81,262	1/4	96,443	1/4	111,623	1/4	126,798	1/4	141,973
1/2	5,698	1/2	20,877	1/2	36,057	1/2	51,218	1/2	66,398	1/2	81,578	1/2	96,759	1/2	111,939	1/2	127,114	1/2	142,290
3/4	6,013	3/4	21,193	3/4	36,373	3/4	51,534	3/4	66,714	3/4	81,895	3/4	97,075	3/4	112,255	3/4	127,430	3/4	142,606
5	6,329	5	21,509	5	36,690	5	51,850	5	67,030	5	82,211	5	97,392	5	112,571	5	127,747	5	142,922
1/4	6,645	1/4	21,826	1/4	37,006	1/4	52,166	1/4	67,346	1/4	82,527	1/4	97,708	1/4	112,888	1/4	128,063	1/4	143,238
1/2	6,962	1/2	22,142	1/2	37,322	1/2	52,482	1/2	67,663	1/2	82,843	1/2	98,024	1/2	113,204	1/2	128,379	1/2	143,554
3/4	7,278	3/4	22,458	3/4	37,638	3/4	52,798	3/4	67,979	3/4	83,160	3/4	98,340	3/4	113,520	3/4	128,695	3/4	143,870
6	7,594	6	22,774	6	37,955	6	53,115	6	68,295	6	83,476	6	98,657	6	113,836	6	129,011	6	144,186
1/4	7,910	1/4	23,091	1/4	38,271	1/4	53,431	1/4	68,612	1/4	83,792	1/4	98,973	1/4	114,152	1/4	129,327	1/4	144,503
1/2	8,227	1/2	23,407	1/2	38,587	1/2	53,747	1/2	68,928	1/2	84,108	1/2	99,289	1/2	114,468	1/2	129,644	1/2	144,819
3/4	8,543	3/4	23,723	3/4	38,903	3/4	54,063	3/4	69,244	3/4	84,425	3/4	99,605	3/4	114,784	3/4	129,960	3/4	145,135
7	8,859	7	24,039	7	39,220	7	54,380	7	69,560	7	84,741	7	99,922	7	115,101	7	130,276	7	145,451
1/4	9,175	1/4	24,356	1/4	39,535	1/4	54,696	1/4	69,877	1/4	85,057	1/4	100,238	1/4	115,417	1/4	130,592	1/4	145,767
1/2	9,492	1/2	24,672	1/2	39,851	1/2	55,012	1/2	70,193	1/2	85,374	1/2	100,554	1/2	115,733	1/2	130,908	1/2	146,083
3/4	9,808	3/4	24,988	3/4	40,167	3/4	55,328	3/4	70,509	3/4	85,690	3/4	100,870	3/4	116,049	3/4	131,224	3/4	146,399
8	10,124	8	25,304	8	40,483	8	55,645	8	70,825	8	86,006	8	101,187	8	116,365	8	131,540	8	146,716
1/4	10,440	1/4	25,621	1/4	40,798	1/4	55,961	1/4	71,142	1/4	86,322	1/4	101,503	1/4	116,681	1/4	131,857	1/4	147,032
1/2	10,757	1/2	25,937	1/2	41,114	1/2	56,277	1/2	71,458	1/2	86,639	1/2	101,819	1/2	116,997	1/2	132,173	1/2	147,348
3/4	11,073	3/4	26,253	3/4	41,430	3/4	56,594	3/4	71,774	3/4	86,955	3/4	102,136	3/4	117,314	3/4	132,489	3/4	147,664
9	11,389	9	26,569	9	41,746	9	56,910	9	72,090	9	87,271	9	102,452	9	117,630	9	132,805	9	147,980
1/4	11,705	1/4	26,886	1/4	42,061	1/4	57,226	1/4	72,407	1/4	87,587	1/4	102,768	1/4	117,946	1/4	133,121	1/4	148,296
1/2	12,022	1/2	27,202	1/2	42,377	1/2	57,542	1/2	72,723	1/2	87,904	1/2	103,084	1/2	118,262	1/2	133,437	1/2	148,613
3/4	12,338	3/4	27,518	3/4	42,693	3/4	57,859	3/4	73,039	3/4	88,220	3/4	103,401	3/4	118,578	3/4	133,753	3/4	148,929
10	12,654	10	27,834	10	43,009	10	58,175	10	73,356	10	88,536	10	103,717	10	118,894	10	134,070	10	149,245
1/4	12,970	1/4	28,151	1/4	43,324	1/4	58,491	1/4	73,672	1/4	88,852	1/4	104,033	1/4	119,211	1/4	134,386	1/4	149,561
1/2	13,287	1/2	28,467	1/2	43,640	1/2	58,807	1/2	73,988	1/2	89,169	1/2	104,349	1/2	119,527	1/2	134,702	1/2	149,877
3/4	13,603	3/4	28,783	3/4	43,956	3/4	59,124	3/4	74,304	3/4	89,485	3/4	104,666	3/4	119,843	3/4	135,018	3/4	150,193
11	13,919	11	29,099	11	44,272	11	59,440	11	74,621	11	89,801	11	104,982	11	120,159	11	135,334	11	150,509
1/4	14,235	1/4	29,416	1/4	44,587	1/4	59,756	1/4	74,937	1/4	90,118	1/4	105,298	1/4	120,475	1/4	135,650	1/4	150,826
1/2	14,552	1/2	29,732	1/2	44,903	1/2	60,072	1/2	75,253	1/2	90,434	1/2	105,614	1/2	120,791	1/2	135,967	1/2	151,142
3/4	14,868	3/4	30,048	3/4	45,219	3/4	60,389	3/4	75,569	3/4	90,750	3/4	105,931	3/4	121,107	3/4	136,283	3/4	151,458

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 390"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,774	0	166,949	0	182,125	0	197,097	0	211,309	0		0		0		0		0	
1/4	152,090	1/4	167,265	1/4	182,441	1/4	197,402	1/4	211,594	1/4		1/4		1/4		1/4		1/4	
1/2	152,406	1/2	167,582	1/2	182,757	1/2	197,706	1/2	211,879	1/2		1/2		1/2		1/2		1/2	
3/4	152,723	3/4	167,898	3/4	183,073	3/4	198,010	3/4	212,164	3/4		3/4		3/4		3/4		3/4	
1	153,039	1	168,214	1	183,389	1	198,315	1	212,449	1		1		1		1		1	
1/4	153,355	1/4	168,530	1/4	183,705	1/4	198,616	1/4	212,733	1/4		1/4		1/4		1/4		1/4	
1/2	153,671	1/2	168,846	1/2	184,021	1/2	198,918	1/2	213,017	1/2		1/2		1/2		1/2		1/2	
3/4	153,987	3/4	169,162	3/4	184,338	3/4	199,220	3/4	213,301	3/4		3/4		3/4		3/4		3/4	
2	154,303	2	169,479	2	184,654	2	199,522	2	213,585	2		2		2		2		2	
1/4	154,619	1/4	169,795	1/4	184,970	1/4	199,822	1/4	213,867	1/4		1/4		1/4		1/4		1/4	
1/2	154,936	1/2	170,111	1/2	185,286	1/2	200,123	1/2	214,150	1/2		1/2		1/2		1/2		1/2	
3/4	155,252	3/4	170,427	3/4	185,602	3/4	200,423	3/4	214,433	3/4		3/4		3/4		3/4		3/4	
3	155,568	3	170,743	3	185,918	3	200,724	3	214,715	3		3		3		3		3	
1/4	155,884	1/4	171,059	1/4	186,234	1/4	201,023	1/4	214,996	1/4		1/4		1/4		1/4		1/4	
1/2	156,200	1/2	171,375	1/2	186,549	1/2	201,323	1/2	215,277	1/2		1/2		1/2		1/2		1/2	
3/4	156,516	3/4	171,692	3/4	186,865	3/4	201,622	3/4	215,558	3/4		3/4		3/4		3/4		3/4	
4	156,832	4	172,008	4	187,181	4	201,921	4	215,839	4		4		4		4		4	
1/4	157,149	1/4	172,324	1/4	187,495	1/4	202,219	1/4	216,118	1/4		1/4		1/4		1/4		1/4	
1/2	157,465	1/2	172,640	1/2	187,809	1/2	202,517	1/2	216,397	1/2		1/2		1/2		1/2		1/2	
3/4	157,781	3/4	172,956	3/4	188,123	3/4	202,815	3/4	216,675	3/4		3/4		3/4		3/4		3/4	
5	158,097	5	173,272	5	188,438	5	203,114	5	216,954	5		5		5		5		5	
1/4	158,413	1/4	173,588	1/4	188,751	1/4	203,410	1/4	217,206	1/4		1/4		1/4		1/4		1/4	
1/2	158,729	1/2	173,905	1/2	189,064	1/2	203,707	1/2	217,459	1/2		1/2		1/2		1/2		1/2	
3/4	159,046	3/4	174,221	3/4	189,377	3/4	204,004	3/4	217,711	3/4		3/4		3/4		3/4		3/4	
6	159,362	6	174,537	6	189,690	6	204,301	6	217,964	6		6		6		6		6	
1/4	159,678	1/4	174,853	1/4	190,002	1/4	204,596	1/4	218,197	1/4		1/4		1/4		1/4		1/4	
1/2	159,994	1/2	175,169	1/2	190,313	1/2	204,892	1/2	218,430	1/2		1/2		1/2		1/2		1/2	
3/4	160,310	3/4	175,485	3/4	190,625	3/4	205,187	3/4	218,663	3/4		3/4		3/4		3/4		3/4	
7	160,626	7	175,802	7	190,937	7	205,483	7	218,895	7		7		7		7		7	
1/4	160,942	1/4	176,118	1/4	191,247	1/4	205,777	1/4	219,077	1/4		1/4		1/4		1/4		1/4	
1/2	161,259	1/2	176,434	1/2	191,558	1/2	206,072	1/2	219,258	1/2		1/2		1/2		1/2		1/2	
3/4	161,575	3/4	176,750	3/4	191,868	3/4	206,366	3/4	219,440	3/4		3/4		3/4		3/4		3/4	
8	161,891	8	177,066	8	192,179	8	206,660	8	219,621	8		8		8		8		8	
1/4	162,207	1/4	177,382	1/4	192,488	1/4	206,953	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,523	1/2	177,698	1/2	192,798	1/2	207,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,839	3/4	178,015	3/4	193,107	3/4	207,539	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,155	9	178,331	9	193,416	9	207,833	9		9		9		9		9		9	
1/4	163,472	1/4	178,647	1/4	193,724	1/4	208,124	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,788	1/2	178,963	1/2	194,032	1/2	208,416	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,104	3/4	179,279	3/4	194,340	3/4	208,708	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,420	10	179,595	10	194,648	10	209,000	10		10		10		10		10		10	
1/4	164,736	1/4	179,911	1/4	194,955	1/4	209,291	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,052	1/2	180,228	1/2	195,262	1/2	209,582	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,369	3/4	180,544	3/4	195,569	3/4	209,872	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,685	11	180,860	11	195,875	11	210,163	11		11		11		11		11		11	
1/4	166,001	1/4	181,176	1/4	196,181	1/4	210,449	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,317	1/2	181,492	1/2	196,486	1/2	210,736	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,633	3/4	181,808	3/4	196,792	3/4	211,022	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 390"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	961	0	15,184	0	30,364	0	45,201	0	60,038	0	75,219	0	90,399	0	105,580	0	120,757	0	135,932
1/4	1,146	1/4	15,500	1/4	30,681	1/4	45,503	1/4	60,354	1/4	75,535	1/4	90,716	1/4	105,897	1/4	121,073	1/4	136,248
1/2	1,330	1/2	15,817	1/2	30,997	1/2	45,804	1/2	60,670	1/2	75,851	1/2	91,032	1/2	106,213	1/2	121,389	1/2	136,565
3/4	1,515	3/4	16,133	3/4	31,313	3/4	46,106	3/4	60,986	3/4	76,167	3/4	91,348	3/4	106,529	3/4	121,705	3/4	136,881
1	1,699	1	16,449	1	31,629	1	46,408	1	61,303	1	76,484	1	91,665	1	106,845	1	122,022	1	137,197
1/4	1,936	1/4	16,765	1/4	31,946	1/4	46,710	1/4	61,619	1/4	76,800	1/4	91,981	1/4	107,162	1/4	122,338	1/4	137,513
1/2	2,173	1/2	17,082	1/2	32,262	1/2	47,012	1/2	61,935	1/2	77,116	1/2	92,297	1/2	107,478	1/2	122,654	1/2	137,829
3/4	2,411	3/4	17,398	3/4	32,578	3/4	47,314	3/4	62,252	3/4	77,432	3/4	92,613	3/4	107,794	3/4	122,970	3/4	138,145
2	2,648	2	17,714	2	32,895	2	47,615	2	62,568	2	77,749	2	92,930	2	108,110	2	123,286	2	138,461
1/4	2,938	1/4	18,030	1/4	33,211	1/4	47,917	1/4	62,884	1/4	78,065	1/4	93,246	1/4	108,427	1/4	123,602	1/4	138,778
1/2	3,227	1/2	18,347	1/2	33,527	1/2	48,219	1/2	63,200	1/2	78,381	1/2	93,562	1/2	108,743	1/2	123,918	1/2	139,094
3/4	3,517	3/4	18,663	3/4	33,843	3/4	48,521	3/4	63,517	3/4	78,698	3/4	93,878	3/4	109,059	3/4	124,235	3/4	139,410
3	3,807	3	18,979	3	34,160	3	48,823	3	63,833	3	79,014	3	94,195	3	109,376	3	124,551	3	139,726
1/4	4,122	1/4	19,296	1/4	34,476	1/4	49,125	1/4	64,149	1/4	79,330	1/4	94,511	1/4	109,692	1/4	124,867	1/4	140,042
1/2	4,436	1/2	19,612	1/2	34,792	1/2	49,427	1/2	64,465	1/2	79,646	1/2	94,827	1/2	110,008	1/2	125,183	1/2	140,358
3/4	4,751	3/4	19,928	3/4	35,108	3/4	49,728	3/4	64,782	3/4	79,963	3/4	95,143	3/4	110,324	3/4	125,499	3/4	140,674
4	5,066	4	20,244	4	35,425	4	50,030	4	65,098	4	80,279	4	95,460	4	110,640	4	125,815	4	140,991
1/4	5,382	1/4	20,561	1/4	35,741	1/4	50,332	1/4	65,414	1/4	80,595	1/4	95,776	1/4	110,956	1/4	126,132	1/4	141,307
1/2	5,698	1/2	20,877	1/2	36,057	1/2	50,634	1/2	65,731	1/2	80,911	1/2	96,092	1/2	111,272	1/2	126,448	1/2	141,623
3/4	6,013	3/4	21,193	3/4	36,373	3/4	50,936	3/4	66,047	3/4	81,228	3/4	96,409	3/4	111,589	3/4	126,764	3/4	141,939
5	6,329	5	21,509	5	36,690	5	51,238	5	66,363	5	81,544	5	96,725	5	111,905	5	127,080	5	142,255
1/4	6,645	1/4	21,826	1/4	37,006	1/4	51,540	1/4	66,679	1/4	81,860	1/4	97,041	1/4	112,221	1/4	127,396	1/4	142,571
1/2	6,962	1/2	22,142	1/2	37,322	1/2	51,842	1/2	66,996	1/2	82,176	1/2	97,357	1/2	112,537	1/2	127,712	1/2	142,888
3/4	7,278	3/4	22,458	3/4	37,638	3/4	52,145	3/4	67,312	3/4	82,493	3/4	97,674	3/4	112,853	3/4	128,028	3/4	143,204
6	7,594	6	22,774	6	37,955	6	52,447	6	67,628	6	82,809	6	97,990	6	113,169	6	128,345	6	143,520
1/4	7,910	1/4	23,091	1/4	38,257	1/4	52,764	1/4	67,944	1/4	83,125	1/4	98,306	1/4	113,486	1/4	128,661	1/4	143,836
1/2	8,227	1/2	23,407	1/2	38,559	1/2	53,080	1/2	68,261	1/2	83,442	1/2	98,622	1/2	113,802	1/2	128,977	1/2	144,152
3/4	8,543	3/4	23,723	3/4	38,862	3/4	53,396	3/4	68,577	3/4	83,758	3/4	98,939	3/4	114,118	3/4	129,293	3/4	144,468
7	8,859	7	24,039	7	39,164	7	53,712	7	68,893	7	84,074	7	99,255	7	114,434	7	129,609	7	144,784
1/4	9,175	1/4	24,356	1/4	39,466	1/4	54,029	1/4	69,209	1/4	84,390	1/4	99,571	1/4	114,750	1/4	129,925	1/4	145,101
1/2	9,492	1/2	24,672	1/2	39,768	1/2	54,345	1/2	69,526	1/2	84,707	1/2	99,888	1/2	115,066	1/2	130,242	1/2	145,417
3/4	9,808	3/4	24,988	3/4	40,069	3/4	54,661	3/4	69,842	3/4	85,023	3/4	100,204	3/4	115,382	3/4	130,558	3/4	145,733
8	10,124	8	25,304	8	40,371	8	54,977	8	70,158	8	85,339	8	100,520	8	115,699	8	130,874	8	146,049
1/4	10,440	1/4	25,621	1/4	40,673	1/4	55,294	1/4	70,475	1/4	85,655	1/4	100,836	1/4	116,015	1/4	131,190	1/4	146,365
1/2	10,757	1/2	25,937	1/2	40,975	1/2	55,610	1/2	70,791	1/2	85,972	1/2	101,153	1/2	116,331	1/2	131,506	1/2	146,681
3/4	11,073	3/4	26,253	3/4	41,277	3/4	55,926	3/4	71,107	3/4	86,288	3/4	101,469	3/4	116,647	3/4	131,822	3/4	146,998
9	11,389	9	26,569	9	41,579	9	56,242	9	71,423	9	86,604	9	101,785	9	116,963	9	132,138	9	147,314
1/4	11,705	1/4	26,886	1/4	41,880	1/4	56,559	1/4	71,740	1/4	86,920	1/4	102,101	1/4	117,279	1/4	132,455	1/4	147,630
1/2	12,022	1/2	27,202	1/2	42,182	1/2	56,875	1/2	72,056	1/2	87,237	1/2	102,418	1/2	117,595	1/2	132,771	1/2	147,946
3/4	12,338	3/4	27,518	3/4	42,484	3/4	57,191	3/4	72,372	3/4	87,553	3/4	102,734	3/4	117,912	3/4	133,087	3/4	148,262
10	12,654	10	27,834	10	42,786	10	57,508	10	72,688	10	87,869	10	103,050	10	118,228	10	133,403	10	148,578
1/4	12,970	1/4	28,151	1/4	43,088	1/4	57,824	1/4	73,005	1/4	88,186	1/4	103,366	1/4	118,544	1/4	133,719	1/4	148,894
1/2	13,287	1/2	28,467	1/2	43,390	1/2	58,140	1/2	73,321	1/2	88,502	1/2	103,683	1/2	118,860	1/2	134,035	1/2	149,211
3/4	13,603	3/4	28,783	3/4	43,692	3/4	58,456	3/4	73,637	3/4	88,818	3/4	103,999	3/4	119,176	3/4	134,351	3/4	149,527
11	13,919	11	29,099	11	43,993	11	58,773	11	73,953	11	89,134	11	104,315	11	119,492	11	134,668	11	149,843
1/4	14,235	1/4	29,416	1/4	44,295	1/4	59,089	1/4	74,270	1/4	89,451	1/4	104,632	1/4	119,809	1/4	134,984	1/4	150,159
1/2	14,552	1/2	29,732	1/2	44,597	1/2	59,405	1/2	74,586	1/2	89,767	1/2	104,948	1/2	120,125	1/2	135,300	1/2	150,475
3/4	14,868	3/4	30,048	3/4	44,899	3/4	59,721	3/4	74,902	3/4	90,083	3/4	105,264	3/4	120,441	3/4	135,616	3/4	150,791

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 390"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,107	0	166,283	0	181,458	0	196,430	0	210,641	0		0		0		0		0	
1/4	151,424	1/4	166,599	1/4	181,774	1/4	196,734	1/4	210,927	1/4		1/4		1/4		1/4		1/4	
1/2	151,740	1/2	166,915	1/2	182,090	1/2	197,039	1/2	211,212	1/2		1/2		1/2		1/2		1/2	
3/4	152,056	3/4	167,231	3/4	182,406	3/4	197,343	3/4	211,497	3/4		3/4		3/4		3/4		3/4	
1	152,372	1	167,547	1	182,723	1	197,647	1	211,782	1		1		1		1		1	
1/4	152,688	1/4	167,863	1/4	183,039	1/4	197,949	1/4	212,066	1/4		1/4		1/4		1/4		1/4	
1/2	153,004	1/2	168,180	1/2	183,355	1/2	198,251	1/2	212,350	1/2		1/2		1/2		1/2		1/2	
3/4	153,321	3/4	168,496	3/4	183,671	3/4	198,553	3/4	212,634	3/4		3/4		3/4		3/4		3/4	
2	153,637	2	168,812	2	183,987	2	198,855	2	212,918	2		2		2		2		2	
1/4	153,953	1/4	169,128	1/4	184,303	1/4	199,155	1/4	213,200	1/4		1/4		1/4		1/4		1/4	
1/2	154,269	1/2	169,444	1/2	184,619	1/2	199,456	1/2	213,483	1/2		1/2		1/2		1/2		1/2	
3/4	154,585	3/4	169,760	3/4	184,936	3/4	199,756	3/4	213,766	3/4		3/4		3/4		3/4		3/4	
3	154,901	3	170,077	3	185,252	3	200,057	3	214,048	3		3		3		3		3	
1/4	155,217	1/4	170,393	1/4	185,567	1/4	200,356	1/4	214,329	1/4		1/4		1/4		1/4		1/4	
1/2	155,534	1/2	170,709	1/2	185,883	1/2	200,655	1/2	214,610	1/2		1/2		1/2		1/2		1/2	
3/4	155,850	3/4	171,025	3/4	186,198	3/4	200,955	3/4	214,891	3/4		3/4		3/4		3/4		3/4	
4	156,166	4	171,341	4	186,513	4	201,254	4	215,172	4		4		4		4		4	
1/4	156,482	1/4	171,657	1/4	186,828	1/4	201,552	1/4	215,451	1/4		1/4		1/4		1/4		1/4	
1/2	156,798	1/2	171,973	1/2	187,142	1/2	201,850	1/2	215,729	1/2		1/2		1/2		1/2		1/2	
3/4	157,114	3/4	172,290	3/4	187,456	3/4	202,148	3/4	216,008	3/4		3/4		3/4		3/4		3/4	
5	157,430	5	172,606	5	187,770	5	202,446	5	216,287	5		5		5		5		5	
1/4	157,747	1/4	172,922	1/4	188,083	1/4	202,743	1/4	216,539	1/4		1/4		1/4		1/4		1/4	
1/2	158,063	1/2	173,238	1/2	188,396	1/2	203,040	1/2	216,792	1/2		1/2		1/2		1/2		1/2	
3/4	158,379	3/4	173,554	3/4	188,709	3/4	203,337	3/4	217,044	3/4		3/4		3/4		3/4		3/4	
6	158,695	6	173,870	6	189,022	6	203,634	6	217,297	6		6		6		6		6	
1/4	159,011	1/4	174,186	1/4	189,334	1/4	203,929	1/4	217,530	1/4		1/4		1/4		1/4		1/4	
1/2	159,327	1/2	174,503	1/2	189,646	1/2	204,225	1/2	217,763	1/2		1/2		1/2		1/2		1/2	
3/4	159,644	3/4	174,819	3/4	189,958	3/4	204,520	3/4	217,995	3/4		3/4		3/4		3/4		3/4	
7	159,960	7	175,135	7	190,270	7	204,816	7	218,228	7		7		7		7		7	
1/4	160,276	1/4	175,451	1/4	190,580	1/4	205,110	1/4	218,410	1/4		1/4		1/4		1/4		1/4	
1/2	160,592	1/2	175,767	1/2	190,891	1/2	205,404	1/2	218,591	1/2		1/2		1/2		1/2		1/2	
3/4	160,908	3/4	176,083	3/4	191,201	3/4	205,699	3/4	218,773	3/4		3/4		3/4		3/4		3/4	
8	161,224	8	176,400	8	191,512	8	205,993	8	218,954	8		8		8		8		8	
1/4	161,540	1/4	176,716	1/4	191,821	1/4	206,286	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,857	1/2	177,032	1/2	192,130	1/2	206,579	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,173	3/4	177,348	3/4	192,440	3/4	206,872	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,489	9	177,664	9	192,749	9	207,165	9		9		9		9		9		9	
1/4	162,805	1/4	177,980	1/4	193,057	1/4	207,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,121	1/2	178,296	1/2	193,365	1/2	207,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,437	3/4	178,613	3/4	193,673	3/4	208,041	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,753	10	178,929	10	193,981	10	208,333	10		10		10		10		10		10	
1/4	164,070	1/4	179,245	1/4	194,288	1/4	208,624	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,386	1/2	179,561	1/2	194,594	1/2	208,914	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,702	3/4	179,877	3/4	194,901	3/4	209,205	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,018	11	180,193	11	195,208	11	209,496	11		11		11		11		11		11	
1/4	165,334	1/4	180,509	1/4	195,514	1/4	209,782	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,650	1/2	180,826	1/2	195,819	1/2	210,069	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,967	3/4	181,142	3/4	196,125	3/4	210,355	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 390"

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	957	0	15,117	0	30,230	0	45,334	0	60,441	0	75,555	0	90,667	0	105,777	0	120,879	0	135,943
1/4	1,141	1/4	15,432	1/4	30,545	1/4	45,649	1/4	60,756	1/4	75,869	1/4	90,982	1/4	106,092	1/4	121,193	1/4	136,256
1/2	1,324	1/2	15,747	1/2	30,860	1/2	45,963	1/2	61,071	1/2	76,184	1/2	91,297	1/2	106,407	1/2	121,507	1/2	136,569
3/4	1,508	3/4	16,062	3/4	31,175	3/4	46,278	3/4	61,386	3/4	76,499	3/4	91,611	3/4	106,722	3/4	121,821	3/4	136,881
1	1,692	1	16,376	1	31,489	1	46,592	1	61,701	1	76,814	1	91,926	1	107,036	1	122,136	1	137,194
1/4	1,928	1/4	16,691	1/4	31,804	1/4	46,907	1/4	62,015	1/4	77,129	1/4	92,241	1/4	107,351	1/4	122,450	1/4	137,507
1/2	2,164	1/2	17,006	1/2	32,119	1/2	47,221	1/2	62,330	1/2	77,444	1/2	92,556	1/2	107,666	1/2	122,764	1/2	137,820
3/4	2,400	3/4	17,321	3/4	32,434	3/4	47,536	3/4	62,645	3/4	77,759	3/4	92,871	3/4	107,981	3/4	123,078	3/4	138,132
2	2,636	2	17,636	2	32,749	2	47,850	2	62,960	2	78,074	2	93,185	2	108,296	2	123,392	2	138,445
1/4	2,925	1/4	17,951	1/4	33,064	1/4	48,165	1/4	63,275	1/4	78,388	1/4	93,500	1/4	108,610	1/4	123,707	1/4	138,758
1/2	3,213	1/2	18,266	1/2	33,379	1/2	48,479	1/2	63,590	1/2	78,703	1/2	93,815	1/2	108,925	1/2	124,021	1/2	139,071
3/4	3,502	3/4	18,580	3/4	33,693	3/4	48,794	3/4	63,905	3/4	79,018	3/4	94,130	3/4	109,240	3/4	124,335	3/4	139,383
3	3,790	3	18,895	3	34,008	3	49,108	3	64,219	3	79,333	3	94,445	3	109,555	3	124,649	3	139,696
1/4	4,104	1/4	19,210	1/4	34,323	1/4	49,423	1/4	64,534	1/4	79,648	1/4	94,759	1/4	109,869	1/4	124,963	1/4	140,010
1/2	4,417	1/2	19,525	1/2	34,638	1/2	49,737	1/2	64,849	1/2	79,963	1/2	95,074	1/2	110,184	1/2	125,278	1/2	140,323
3/4	4,730	3/4	19,840	3/4	34,953	3/4	50,051	3/4	65,164	3/4	80,278	3/4	95,389	3/4	110,499	3/4	125,592	3/4	140,636
4	5,044	4	20,155	4	35,268	4	50,366	4	65,479	4	80,592	4	95,704	4	110,814	4	125,906	4	140,950
1/4	5,358	1/4	20,470	1/4	35,583	1/4	50,681	1/4	65,794	1/4	80,907	1/4	96,019	1/4	111,128	1/4	126,220	1/4	141,263
1/2	5,673	1/2	20,784	1/2	35,897	1/2	50,995	1/2	66,109	1/2	81,222	1/2	96,333	1/2	111,443	1/2	126,534	1/2	141,577
3/4	5,987	3/4	21,099	3/4	36,212	3/4	51,310	3/4	66,424	3/4	81,537	3/4	96,648	3/4	111,758	3/4	126,849	3/4	141,890
5	6,301	5	21,414	5	36,527	5	51,625	5	66,738	5	81,852	5	96,963	5	112,073	5	127,163	5	142,203
1/4	6,616	1/4	21,729	1/4	36,842	1/4	51,940	1/4	67,053	1/4	82,167	1/4	97,278	1/4	112,387	1/4	127,477	1/4	142,517
1/2	6,931	1/2	22,044	1/2	37,157	1/2	52,255	1/2	67,368	1/2	82,482	1/2	97,593	1/2	112,702	1/2	127,791	1/2	142,830
3/4	7,246	3/4	22,359	3/4	37,472	3/4	52,569	3/4	67,683	3/4	82,797	3/4	97,907	3/4	113,017	3/4	128,105	3/4	143,144
6	7,561	6	22,674	6	37,786	6	52,884	6	67,998	6	83,111	6	98,222	6	113,331	6	128,420	6	143,457
1/4	7,875	1/4	22,988	1/4	38,101	1/4	53,199	1/4	68,313	1/4	83,426	1/4	98,537	1/4	113,646	1/4	128,734	1/4	143,771
1/2	8,190	1/2	23,303	1/2	38,416	1/2	53,514	1/2	68,628	1/2	83,741	1/2	98,852	1/2	113,961	1/2	129,048	1/2	144,084
3/4	8,505	3/4	23,618	3/4	38,730	3/4	53,829	3/4	68,942	3/4	84,056	3/4	99,166	3/4	114,276	3/4	129,362	3/4	144,397
7	8,820	7	23,933	7	39,045	7	54,144	7	69,257	7	84,371	7	99,481	7	114,590	7	129,676	7	144,711
1/4	9,135	1/4	24,248	1/4	39,359	1/4	54,459	1/4	69,572	1/4	84,686	1/4	99,796	1/4	114,905	1/4	129,991	1/4	145,024
1/2	9,450	1/2	24,563	1/2	39,674	1/2	54,773	1/2	69,887	1/2	85,001	1/2	100,111	1/2	115,220	1/2	130,305	1/2	145,338
3/4	9,765	3/4	24,878	3/4	39,988	3/4	55,088	3/4	70,202	3/4	85,315	3/4	100,426	3/4	115,535	3/4	130,619	3/4	145,651
8	10,079	8	25,192	8	40,303	8	55,403	8	70,517	8	85,630	8	100,740	8	115,849	8	130,933	8	145,964
1/4	10,394	1/4	25,507	1/4	40,617	1/4	55,718	1/4	70,832	1/4	85,945	1/4	101,055	1/4	116,164	1/4	131,247	1/4	146,278
1/2	10,709	1/2	25,822	1/2	40,932	1/2	56,033	1/2	71,147	1/2	86,260	1/2	101,370	1/2	116,479	1/2	131,562	1/2	146,591
3/4	11,024	3/4	26,137	3/4	41,246	3/4	56,348	3/4	71,461	3/4	86,575	3/4	101,685	3/4	116,794	3/4	131,876	3/4	146,905
9	11,339	9	26,452	9	41,561	9	56,663	9	71,776	9	86,890	9	102,000	9	117,108	9	132,190	9	147,218
1/4	11,654	1/4	26,767	1/4	41,875	1/4	56,978	1/4	72,091	1/4	87,204	1/4	102,314	1/4	117,423	1/4	132,503	1/4	147,387
1/2	11,969	1/2	27,081	1/2	42,190	1/2	57,292	1/2	72,406	1/2	87,519	1/2	102,629	1/2	117,737	1/2	132,815	1/2	147,557
3/4	12,283	3/4	27,396	3/4	42,504	3/4	57,607	3/4	72,721	3/4	87,834	3/4	102,944	3/4	118,051	3/4	133,128	3/4	147,726
10	12,598	10	27,711	10	42,819	10	57,922	10	73,036	10	88,149	10	103,259	10	118,365	10	133,441	10	147,895
1/4	12,913	1/4	28,026	1/4	43,133	1/4	58,237	1/4	73,351	1/4	88,463	1/4	103,574	1/4	118,679	1/4	133,754	1/4	148,065
1/2	13,228	1/2	28,341	1/2	43,448	1/2	58,552	1/2	73,665	1/2	88,778	1/2	103,888	1/2	118,994	1/2	134,067	1/2	148,234
3/4	13,543	3/4	28,656	3/4	43,762	3/4	58,867	3/4	73,980	3/4	89,093	3/4	104,203	3/4	119,308	3/4	134,379	3/4	148,403
11	13,858	11	28,971	11	44,077	11	59,182	11	74,295	11	89,408	11	104,518	11	119,622	11	134,692	11	148,573
1/4	14,173	1/4	29,285	1/4	44,391	1/4	59,496	1/4	74,610	1/4	89,723	1/4	104,833	1/4	119,936	1/4	135,005	1/4	148,742
1/2	14,487	1/2	29,600	1/2	44,705	1/2	59,811	1/2	74,925	1/2	90,037	1/2	105,148	1/2	120,250	1/2	135,318	1/2	148,911
3/4	14,802	3/4	29,915	3/4	45,020	3/4	60,126	3/4	75,240	3/4	90,352	3/4	105,462	3/4	120,565	3/4	135,630	3/4	149,081

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 390"

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	149,250	0	157,377	0	165,505	0	173,524	0	181,137	0		0		0		0		0	
1/4	149,419	1/4	157,547	1/4	165,674	1/4	173,687	1/4	181,290	1/4		1/4		1/4		1/4		1/4	
1/2	149,589	1/2	157,716	1/2	165,843	1/2	173,850	1/2	181,443	1/2		1/2		1/2		1/2		1/2	
3/4	149,758	3/4	157,885	3/4	166,013	3/4	174,013	3/4	181,596	3/4		3/4		3/4		3/4		3/4	
1	149,927	1	158,055	1	166,182	1	174,176	1	181,748	1		1		1		1		1	
1/4	150,097	1/4	158,224	1/4	166,351	1/4	174,338	1/4	181,901	1/4		1/4		1/4		1/4		1/4	
1/2	150,266	1/2	158,393	1/2	166,520	1/2	174,499	1/2	182,053	1/2		1/2		1/2		1/2		1/2	
3/4	150,435	3/4	158,563	3/4	166,690	3/4	174,661	3/4	182,205	3/4		3/4		3/4		3/4		3/4	
2	150,605	2	158,732	2	166,859	2	174,823	2	182,357	2		2		2		2		2	
1/4	150,774	1/4	158,901	1/4	167,028	1/4	174,984	1/4	182,508	1/4		1/4		1/4		1/4		1/4	
1/2	150,943	1/2	159,070	1/2	167,198	1/2	175,145	1/2	182,659	1/2		1/2		1/2		1/2		1/2	
3/4	151,112	3/4	159,240	3/4	167,367	3/4	175,306	3/4	182,811	3/4		3/4		3/4		3/4		3/4	
3	151,282	3	159,409	3	167,536	3	175,467	3	182,962	3		3		3		3		3	
1/4	151,451	1/4	159,578	1/4	167,705	1/4	175,627	1/4	183,113	1/4		1/4		1/4		1/4		1/4	
1/2	151,620	1/2	159,748	1/2	167,874	1/2	175,787	1/2	183,263	1/2		1/2		1/2		1/2		1/2	
3/4	151,790	3/4	159,917	3/4	168,043	3/4	175,948	3/4	183,413	3/4		3/4		3/4		3/4		3/4	
4	151,959	4	160,086	4	168,212	4	176,108	4	183,563	4		4		4		4		4	
1/4	152,128	1/4	160,256	1/4	168,381	1/4	176,268	1/4	183,712	1/4		1/4		1/4		1/4		1/4	
1/2	152,298	1/2	160,425	1/2	168,549	1/2	176,428	1/2	183,861	1/2		1/2		1/2		1/2		1/2	
3/4	152,467	3/4	160,594	3/4	168,717	3/4	176,587	3/4	184,009	3/4		3/4		3/4		3/4		3/4	
5	152,636	5	160,764	5	168,886	5	176,747	5	184,158	5		5		5		5		5	
1/4	152,806	1/4	160,933	1/4	169,053	1/4	176,906	1/4	184,281	1/4		1/4		1/4		1/4		1/4	
1/2	152,975	1/2	161,102	1/2	169,221	1/2	177,065	1/2	184,404	1/2		1/2		1/2		1/2		1/2	
3/4	153,144	3/4	161,272	3/4	169,389	3/4	177,224	3/4	184,527	3/4		3/4		3/4		3/4		3/4	
6	153,314	6	161,441	6	169,556	6	177,383	6	184,650	6		6		6		6		6	
1/4	153,483	1/4	161,610	1/4	169,723	1/4	177,542	1/4	184,739	1/4		1/4		1/4		1/4		1/4	
1/2	153,652	1/2	161,780	1/2	169,890	1/2	177,700	1/2	184,827	1/2		1/2		1/2		1/2		1/2	
3/4	153,822	3/4	161,949	3/4	170,057	3/4	177,858	3/4	184,916	3/4		3/4		3/4		3/4		3/4	
7	153,991	7	162,118	7	170,224	7	178,017	7	185,004	7		7		7		7		7	
1/4	154,160	1/4	162,288	1/4	170,391	1/4	178,174	1/4	185,040	1/4		1/4		1/4		1/4		1/4	
1/2	154,330	1/2	162,457	1/2	170,557	1/2	178,332	1/2	185,077	1/2		1/2		1/2		1/2		1/2	
3/4	154,499	3/4	162,626	3/4	170,723	3/4	178,490	3/4	185,114	3/4		3/4		3/4		3/4		3/4	
8	154,668	8	162,795	8	170,890	8	178,647	8	185,150	8		8		8		8		8	
1/4	154,837	1/4	162,965	1/4	171,055	1/4	178,804	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,007	1/2	163,134	1/2	171,221	1/2	178,961	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,176	3/4	163,303	3/4	171,386	3/4	179,119	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,345	9	163,473	9	171,552	9	179,276	9		9		9		9		9		9	
1/4	155,515	1/4	163,642	1/4	171,717	1/4	179,432	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,684	1/2	163,811	1/2	171,882	1/2	179,588	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,853	3/4	163,981	3/4	172,047	3/4	179,745	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,023	10	164,150	10	172,212	10	179,901	10		10		10		10		10		10	
1/4	156,192	1/4	164,319	1/4	172,376	1/4	180,057	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,361	1/2	164,489	1/2	172,541	1/2	180,212	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,531	3/4	164,658	3/4	172,705	3/4	180,368	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,700	11	164,827	11	172,869	11	180,524	11		11		11		11		11		11	
1/4	156,869	1/4	164,997	1/4	173,033	1/4	180,677	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,039	1/2	165,166	1/2	173,197	1/2	180,831	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,208	3/4	165,335	3/4	173,360	3/4	180,984	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 390"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	957	0	15,095	0	30,185	0	44,782	0	59,600	0	74,665	0	89,749	0	104,831	0	119,905	0	134,933
1/4	1,141	1/4	15,409	1/4	30,499	1/4	45,082	1/4	59,912	1/4	74,979	1/4	90,063	1/4	105,145	1/4	120,218	1/4	135,245
1/2	1,324	1/2	15,724	1/2	30,813	1/2	45,382	1/2	60,224	1/2	75,294	1/2	90,378	1/2	105,460	1/2	120,532	1/2	135,557
3/4	1,508	3/4	16,038	3/4	31,128	3/4	45,682	3/4	60,536	3/4	75,608	3/4	90,692	3/4	105,774	3/4	120,845	3/4	135,869
1	1,692	1	16,353	1	31,442	1	45,983	1	60,847	1	75,922	1	91,006	1	106,088	1	121,159	1	136,182
1/4	1,927	1/4	16,667	1/4	31,756	1/4	46,283	1/4	61,159	1/4	76,236	1/4	91,320	1/4	106,402	1/4	121,472	1/4	136,494
1/2	2,163	1/2	16,981	1/2	32,071	1/2	46,583	1/2	61,471	1/2	76,551	1/2	91,635	1/2	106,716	1/2	121,786	1/2	136,806
3/4	2,399	3/4	17,296	3/4	32,385	3/4	46,883	3/4	61,782	3/4	76,865	3/4	91,949	3/4	107,031	3/4	122,099	3/4	137,118
2	2,634	2	17,610	2	32,700	2	47,183	2	62,094	2	77,179	2	92,263	2	107,345	2	122,412	2	137,430
1/4	2,922	1/4	17,924	1/4	33,014	1/4	47,484	1/4	62,408	1/4	77,494	1/4	92,577	1/4	107,659	1/4	122,725	1/4	137,742
1/2	3,210	1/2	18,239	1/2	33,328	1/2	47,784	1/2	62,723	1/2	77,808	1/2	92,891	1/2	107,973	1/2	123,039	1/2	138,055
3/4	3,497	3/4	18,553	3/4	33,643	3/4	48,084	3/4	63,037	3/4	78,122	3/4	93,206	3/4	108,287	3/4	123,352	3/4	138,367
3	3,785	3	18,867	3	33,957	3	48,384	3	63,351	3	78,436	3	93,520	3	108,602	3	123,665	3	138,679
1/4	4,098	1/4	19,182	1/4	34,259	1/4	48,696	1/4	63,665	1/4	78,751	1/4	93,834	1/4	108,916	1/4	123,979	1/4	138,992
1/2	4,411	1/2	19,496	1/2	34,562	1/2	49,008	1/2	63,980	1/2	79,065	1/2	94,148	1/2	109,230	1/2	124,292	1/2	139,305
3/4	4,723	3/4	19,811	3/4	34,864	3/4	49,320	3/4	64,294	3/4	79,379	3/4	94,462	3/4	109,544	3/4	124,605	3/4	139,617
4	5,036	4	20,125	4	35,167	4	49,633	4	64,608	4	79,694	4	94,777	4	109,858	4	124,918	4	139,930
1/4	5,351	1/4	20,439	1/4	35,468	1/4	49,943	1/4	64,922	1/4	80,008	1/4	95,091	1/4	110,172	1/4	125,232	1/4	140,243
1/2	5,665	1/2	20,754	1/2	35,769	1/2	50,254	1/2	65,237	1/2	80,322	1/2	95,405	1/2	110,486	1/2	125,545	1/2	140,556
3/4	5,979	3/4	21,068	3/4	36,071	3/4	50,565	3/4	65,551	3/4	80,636	3/4	95,719	3/4	110,801	3/4	125,858	3/4	140,869
5	6,293	5	21,382	5	36,372	5	50,876	5	65,865	5	80,951	5	96,033	5	111,115	5	126,172	5	141,182
1/4	6,607	1/4	21,697	1/4	36,673	1/4	51,187	1/4	66,180	1/4	81,265	1/4	96,348	1/4	111,429	1/4	126,485	1/4	141,494
1/2	6,922	1/2	22,011	1/2	36,974	1/2	51,498	1/2	66,494	1/2	81,579	1/2	96,662	1/2	111,743	1/2	126,798	1/2	141,807
3/4	7,236	3/4	22,325	3/4	37,276	3/4	51,809	3/4	66,808	3/4	81,893	3/4	96,976	3/4	112,057	3/4	127,111	3/4	142,120
6	7,550	6	22,640	6	37,577	6	52,120	6	67,122	6	82,208	6	97,290	6	112,371	6	127,425	6	142,433
1/4	7,865	1/4	22,954	1/4	37,877	1/4	52,432	1/4	67,437	1/4	82,522	1/4	97,604	1/4	112,685	1/4	127,738	1/4	142,746
1/2	8,179	1/2	23,269	1/2	38,177	1/2	52,743	1/2	67,751	1/2	82,836	1/2	97,919	1/2	113,000	1/2	128,051	1/2	143,059
3/4	8,493	3/4	23,583	3/4	38,478	3/4	53,055	3/4	68,065	3/4	83,151	3/4	98,233	3/4	113,314	3/4	128,365	3/4	143,371
7	8,808	7	23,897	7	38,778	7	53,367	7	68,380	7	83,465	7	98,547	7	113,628	7	128,678	7	143,684
1/4	9,122	1/4	24,212	1/4	39,078	1/4	53,678	1/4	68,694	1/4	83,779	1/4	98,861	1/4	113,942	1/4	128,992	1/4	143,997
1/2	9,436	1/2	24,526	1/2	39,378	1/2	53,990	1/2	69,008	1/2	84,093	1/2	99,175	1/2	114,256	1/2	129,305	1/2	144,310
3/4	9,751	3/4	24,840	3/4	39,679	3/4	54,302	3/4	69,322	3/4	84,408	3/4	99,490	3/4	114,570	3/4	129,619	3/4	144,623
8	10,065	8	25,155	8	39,979	8	54,614	8	69,637	8	84,722	8	99,804	8	114,884	8	129,932	8	144,936
1/4	10,380	1/4	25,469	1/4	40,279	1/4	54,925	1/4	69,951	1/4	85,036	1/4	100,118	1/4	115,199	1/4	130,246	1/4	145,248
1/2	10,694	1/2	25,784	1/2	40,579	1/2	55,237	1/2	70,265	1/2	85,350	1/2	100,432	1/2	115,513	1/2	130,560	1/2	145,561
3/4	11,008	3/4	26,098	3/4	40,879	3/4	55,549	3/4	70,579	3/4	85,665	3/4	100,746	3/4	115,827	3/4	130,873	3/4	145,874
9	11,323	9	26,412	9	41,180	9	55,860	9	70,894	9	85,979	9	101,061	9	116,141	9	131,187	9	146,187
1/4	11,637	1/4	26,727	1/4	41,480	1/4	56,172	1/4	71,208	1/4	86,293	1/4	101,375	1/4	116,455	1/4	131,499	1/4	146,356
1/2	11,951	1/2	27,041	1/2	41,780	1/2	56,484	1/2	71,522	1/2	86,607	1/2	101,689	1/2	116,768	1/2	131,811	1/2	146,524
3/4	12,266	3/4	27,355	3/4	42,080	3/4	56,795	3/4	71,837	3/4	86,921	3/4	102,003	3/4	117,082	3/4	132,123	3/4	146,693
10	12,580	10	27,670	10	42,380	10	57,107	10	72,151	10	87,236	10	102,318	10	117,396	10	132,436	10	146,862
1/4	12,895	1/4	27,984	1/4	42,681	1/4	57,419	1/4	72,465	1/4	87,550	1/4	102,632	1/4	117,709	1/4	132,748	1/4	147,030
1/2	13,209	1/2	28,298	1/2	42,981	1/2	57,730	1/2	72,779	1/2	87,864	1/2	102,946	1/2	118,023	1/2	133,060	1/2	147,199
3/4	13,523	3/4	28,613	3/4	43,281	3/4	58,042	3/4	73,094	3/4	88,178	3/4	103,260	3/4	118,336	3/4	133,372	3/4	147,368
11	13,838	11	28,927	11	43,581	11	58,354	11	73,408	11	88,492	11	103,574	11	118,650	11	133,684	11	147,537
1/4	14,152	1/4	29,242	1/4	43,881	1/4	58,665	1/4	73,722	1/4	88,807	1/4	103,889	1/4	118,964	1/4	133,996	1/4	147,705
1/2	14,466	1/2	29,556	1/2	44,182	1/2	58,977	1/2	74,037	1/2	89,121	1/2	104,203	1/2	119,277	1/2	134,309	1/2	147,874
3/4	14,781	3/4	29,870	3/4	44,482	3/4	59,289	3/4	74,351	3/4	89,435	3/4	104,517	3/4	119,591	3/4	134,621	3/4	148,043

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
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BARGE "CBC 390"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,212	0	156,311	0	164,410	0	172,401	0	179,986	0		0		0		0		0	
1/4	148,380	1/4	156,479	1/4	164,578	1/4	172,563	1/4	180,138	1/4		1/4		1/4		1/4		1/4	
1/2	148,549	1/2	156,648	1/2	164,747	1/2	172,726	1/2	180,290	1/2		1/2		1/2		1/2		1/2	
3/4	148,718	3/4	156,817	3/4	164,916	3/4	172,888	3/4	180,443	3/4		3/4		3/4		3/4		3/4	
1	148,886	1	156,986	1	165,085	1	173,050	1	180,595	1		1		1		1		1	
1/4	149,055	1/4	157,154	1/4	165,253	1/4	173,211	1/4	180,746	1/4		1/4		1/4		1/4		1/4	
1/2	149,224	1/2	157,323	1/2	165,422	1/2	173,373	1/2	180,898	1/2		1/2		1/2		1/2		1/2	
3/4	149,393	3/4	157,492	3/4	165,591	3/4	173,534	3/4	181,049	3/4		3/4		3/4		3/4		3/4	
2	149,561	2	157,660	2	165,760	2	173,695	2	181,201	2		2		2		2		2	
1/4	149,730	1/4	157,829	1/4	165,928	1/4	173,855	1/4	181,352	1/4		1/4		1/4		1/4		1/4	
1/2	149,899	1/2	157,998	1/2	166,097	1/2	174,016	1/2	181,502	1/2		1/2		1/2		1/2		1/2	
3/4	150,068	3/4	158,167	3/4	166,266	3/4	174,176	3/4	181,653	3/4		3/4		3/4		3/4		3/4	
3	150,236	3	158,335	3	166,434	3	174,337	3	181,804	3		3		3		3		3	
1/4	150,405	1/4	158,504	1/4	166,603	1/4	174,496	1/4	181,954	1/4		1/4		1/4		1/4		1/4	
1/2	150,574	1/2	158,673	1/2	166,771	1/2	174,656	1/2	182,103	1/2		1/2		1/2		1/2		1/2	
3/4	150,743	3/4	158,842	3/4	166,940	3/4	174,816	3/4	182,253	3/4		3/4		3/4		3/4		3/4	
4	150,911	4	159,010	4	167,108	4	174,976	4	182,403	4		4		4		4		4	
1/4	151,080	1/4	159,179	1/4	167,276	1/4	175,135	1/4	182,551	1/4		1/4		1/4		1/4		1/4	
1/2	151,249	1/2	159,348	1/2	167,444	1/2	175,294	1/2	182,699	1/2		1/2		1/2		1/2		1/2	
3/4	151,417	3/4	159,517	3/4	167,611	3/4	175,453	3/4	182,847	3/4		3/4		3/4		3/4		3/4	
5	151,586	5	159,685	5	167,779	5	175,612	5	182,995	5		5		5		5		5	
1/4	151,755	1/4	159,854	1/4	167,946	1/4	175,771	1/4	183,117	1/4		1/4		1/4		1/4		1/4	
1/2	151,924	1/2	160,023	1/2	168,113	1/2	175,929	1/2	183,240	1/2		1/2		1/2		1/2		1/2	
3/4	152,092	3/4	160,191	3/4	168,280	3/4	176,088	3/4	183,362	3/4		3/4		3/4		3/4		3/4	
6	152,261	6	160,360	6	168,447	6	176,246	6	183,485	6		6		6		6		6	
1/4	152,430	1/4	160,529	1/4	168,614	1/4	176,404	1/4	183,573	1/4		1/4		1/4		1/4		1/4	
1/2	152,599	1/2	160,698	1/2	168,780	1/2	176,562	1/2	183,661	1/2		1/2		1/2		1/2		1/2	
3/4	152,767	3/4	160,866	3/4	168,947	3/4	176,719	3/4	183,748	3/4		3/4		3/4		3/4		3/4	
7	152,936	7	161,035	7	169,113	7	176,877	7	183,836	7		7		7		7		7	
1/4	153,105	1/4	161,204	1/4	169,279	1/4	177,034	1/4	183,872	1/4		1/4		1/4		1/4		1/4	
1/2	153,273	1/2	161,373	1/2	169,444	1/2	177,191	1/2	183,908	1/2		1/2		1/2		1/2		1/2	
3/4	153,442	3/4	161,541	3/4	169,610	3/4	177,348	3/4	183,944	3/4		3/4		3/4		3/4		3/4	
8	153,611	8	161,710	8	169,776	8	177,506	8	183,980	8		8		8		8		8	
1/4	153,780	1/4	161,879	1/4	169,941	1/4	177,662	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,948	1/2	162,047	1/2	170,106	1/2	177,818	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,117	3/4	162,216	3/4	170,271	3/4	177,975	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,286	9	162,385	9	170,436	9	178,131	9		9		9		9		9		9	
1/4	154,455	1/4	162,554	1/4	170,600	1/4	178,287	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,623	1/2	162,722	1/2	170,765	1/2	178,443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,792	3/4	162,891	3/4	170,929	3/4	178,599	3/4		3/4		3/4		3/4		3/4		3/4	
10	154,961	10	163,060	10	171,094	10	178,754	10		10		10		10		10		10	
1/4	155,130	1/4	163,229	1/4	171,257	1/4	178,910	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,298	1/2	163,397	1/2	171,421	1/2	179,065	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,467	3/4	163,566	3/4	171,585	3/4	179,220	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,636	11	163,735	11	171,749	11	179,375	11		11		11		11		11		11	
1/4	155,804	1/4	163,904	1/4	171,912	1/4	179,528	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,973	1/2	164,072	1/2	172,075	1/2	179,680	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,142	3/4	164,241	3/4	172,238	3/4	179,833	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
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BARGE "CBC 390"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

November 20, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "CBC 390"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	220,204	0	207,085	0	192,538	0	177,366	0	162,138	0	146,910	0	131,682	0	116,454	0	101,222
1/4		1/4	220,022	1/4	206,790	1/4	192,226	1/4	177,049	1/4	161,821	1/4	146,593	1/4	131,365	1/4	116,137	1/4	100,905
1/2		1/2	219,840	1/2	206,495	1/2	191,914	1/2	176,732	1/2	161,503	1/2	146,275	1/2	131,047	1/2	115,819	1/2	100,588
3/4		3/4	219,658	3/4	206,199	3/4	191,603	3/4	176,414	3/4	161,186	3/4	145,958	3/4	130,730	3/4	115,502	3/4	100,270
1		1	219,424	1	205,903	1	191,290	1	176,097	1	160,869	1	145,641	1	130,413	1	115,185	1	99,953
1/4		1/4	219,190	1/4	205,606	1/4	190,977	1/4	175,780	1/4	160,552	1/4	145,324	1/4	130,096	1/4	114,868	1/4	99,635
1/2		1/2	218,956	1/2	205,309	1/2	190,664	1/2	175,463	1/2	160,234	1/2	145,006	1/2	129,778	1/2	114,550	1/2	99,318
3/4		3/4	218,723	3/4	205,013	3/4	190,351	3/4	175,145	3/4	159,917	3/4	144,689	3/4	129,461	3/4	114,233	3/4	99,001
2		2	218,469	2	204,715	2	190,037	2	174,828	2	159,600	2	144,372	2	129,144	2	113,916	2	98,683
1/4		1/4	218,216	1/4	204,417	1/4	189,723	1/4	174,511	1/4	159,283	1/4	144,055	1/4	128,827	1/4	113,599	1/4	98,366
1/2		1/2	217,963	1/2	204,119	1/2	189,409	1/2	174,194	1/2	158,965	1/2	143,737	1/2	128,509	1/2	113,281	1/2	98,049
3/4		3/4	217,709	3/4	203,822	3/4	189,095	3/4	173,876	3/4	158,648	3/4	143,420	3/4	128,192	3/4	112,964	3/4	97,731
3		3	217,430	3	203,522	3	188,779	3	173,559	3	158,331	3	143,103	3	127,875	3	112,647	3	97,414
1/4		1/4	217,150	1/4	203,223	1/4	188,464	1/4	173,242	1/4	158,014	1/4	142,786	1/4	127,558	1/4	112,330	1/4	97,097
1/2		1/2	216,871	1/2	202,924	1/2	188,149	1/2	172,925	1/2	157,696	1/2	142,468	1/2	127,240	1/2	112,012	1/2	96,779
3/4		3/4	216,591	3/4	202,625	3/4	187,833	3/4	172,607	3/4	157,379	3/4	142,151	3/4	126,923	3/4	111,695	3/4	96,462
4		4	216,309	4	202,325	4	187,517	4	172,290	4	157,062	4	141,834	4	126,606	4	111,378	4	96,144
1/4		1/4	216,027	1/4	202,025	1/4	187,200	1/4	171,973	1/4	156,745	1/4	141,517	1/4	126,289	1/4	111,061	1/4	95,827
1/2		1/2	215,745	1/2	201,724	1/2	186,883	1/2	171,656	1/2	156,427	1/2	141,199	1/2	125,971	1/2	110,743	1/2	95,510
3/4		3/4	215,463	3/4	201,424	3/4	186,566	3/4	171,338	3/4	156,110	3/4	140,882	3/4	125,654	3/4	110,426	3/4	95,192
5		5	215,180	5	201,122	5	186,249	5	171,021	5	155,793	5	140,565	5	125,337	5	110,109	5	94,875
1/4		1/4	214,896	1/4	200,821	1/4	185,932	1/4	170,704	1/4	155,476	1/4	140,248	1/4	125,020	1/4	109,791	1/4	94,558
1/2		1/2	214,612	1/2	200,519	1/2	185,615	1/2	170,386	1/2	155,158	1/2	139,930	1/2	124,702	1/2	109,474	1/2	94,240
3/4		3/4	214,329	3/4	200,217	3/4	185,297	3/4	170,069	3/4	154,841	3/4	139,613	3/4	124,385	3/4	109,157	3/4	93,923
6		6	214,044	6	199,915	6	184,980	6	169,752	6	154,524	6	139,296	6	124,068	6	108,839	6	93,605
1/4		1/4	213,759	1/4	199,612	1/4	184,663	1/4	169,435	1/4	154,207	1/4	138,979	1/4	123,751	1/4	108,522	1/4	93,288
1/2		1/2	213,474	1/2	199,309	1/2	184,346	1/2	169,117	1/2	153,889	1/2	138,661	1/2	123,433	1/2	108,204	1/2	92,971
3/4		3/4	213,189	3/4	199,006	3/4	184,028	3/4	168,800	3/4	153,572	3/4	138,344	3/4	123,116	3/4	107,887	3/4	92,653
7		7	212,903	7	198,701	7	183,711	7	168,483	7	153,255	7	138,027	7	122,799	7	107,570	7	92,336
1/4		1/4	212,617	1/4	198,395	1/4	183,394	1/4	168,166	1/4	152,938	1/4	137,710	1/4	122,482	1/4	107,252	1/4	92,019
1/2		1/2	212,331	1/2	198,090	1/2	183,077	1/2	167,848	1/2	152,620	1/2	137,392	1/2	122,164	1/2	106,935	1/2	91,701
3/4		3/4	212,045	3/4	197,785	3/4	182,759	3/4	167,531	3/4	152,303	3/4	137,075	3/4	121,847	3/4	106,618	3/4	91,384
8		8	211,757	8	197,478	8	182,442	8	167,214	8	151,986	8	136,758	8	121,530	8	106,300	8	91,067
1/4		1/4	211,470	1/4	197,172	1/4	182,125	1/4	166,897	1/4	151,669	1/4	136,441	1/4	121,213	1/4	105,983	1/4	90,749
1/2		1/2	211,183	1/2	196,865	1/2	181,808	1/2	166,579	1/2	151,351	1/2	136,123	1/2	120,895	1/2	105,665	1/2	90,432
3/4		3/4	210,895	3/4	196,558	3/4	181,490	3/4	166,262	3/4	151,034	3/4	135,806	3/4	120,578	3/4	105,348	3/4	90,114
9		9	210,603	9	196,250	9	181,173	9	165,945	9	150,717	9	135,489	9	120,261	9	105,031	9	89,797
1/4		1/4	210,312	1/4	195,943	1/4	180,856	1/4	165,628	1/4	150,400	1/4	135,172	1/4	119,944	1/4	104,713	1/4	89,480
1/2		1/2	210,020	1/2	195,635	1/2	180,539	1/2	165,310	1/2	150,082	1/2	134,854	1/2	119,626	1/2	104,396	1/2	89,162
3/4		3/4	209,728	3/4	195,327	3/4	180,221	3/4	164,993	3/4	149,765	3/4	134,537	3/4	119,309	3/4	104,079	3/4	88,845
10		10	209,436	10	195,018	10	179,904	10	164,676	10	149,448	10	134,220	10	118,992	10	103,761	10	88,528
1/4		1/4	209,143	1/4	194,709	1/4	179,587	1/4	164,359	1/4	149,131	1/4	133,903	1/4	118,675	1/4	103,444	1/4	88,210
1/2		1/2	208,850	1/2	194,400	1/2	179,270	1/2	164,041	1/2	148,813	1/2	133,585	1/2	118,357	1/2	103,127	1/2	87,893
3/4		3/4	208,557	3/4	194,091	3/4	178,952	3/4	163,724	3/4	148,496	3/4	133,268	3/4	118,040	3/4	102,809	3/4	87,575
11		11	208,263	11	193,780	11	178,635	11	163,407	11	148,179	11	132,951	11	117,723	11	102,492	11	87,258
1/4		1/4	207,969	1/4	193,470	1/4	178,318	1/4	163,090	1/4	147,862	1/4	132,634	1/4	117,406	1/4	102,174	1/4	86,941
1/2		1/2	207,675	1/2	193,160	1/2	178,001	1/2	162,772	1/2	147,544	1/2	132,316	1/2	117,088	1/2	101,857	1/2	86,623
3/4		3/4	220,386	3/4	207,381	3/4	192,849	3/4	177,683	3/4	162,455	3/4	147,227	3/4	131,999	3/4	116,771	3/4	86,306

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,989	0	70,755	0	55,521	0	40,306	0	25,075	0	9,842	0		0		0		0	
1/4	85,671	1/4	70,438	1/4	55,204	1/4	39,990	1/4	24,758	1/4	9,524	1/4		1/4		1/4		1/4	
1/2	85,354	1/2	70,120	1/2	54,886	1/2	39,673	1/2	24,440	1/2	9,207	1/2		1/2		1/2		1/2	
3/4	85,037	3/4	69,803	3/4	54,569	3/4	39,356	3/4	24,123	3/4	8,890	3/4		3/4		3/4		3/4	
1	84,719	1	69,485	1	54,252	1	39,039	1	23,805	1	8,572	1		1		1		1	
1/4	84,402	1/4	69,168	1/4	53,934	1/4	38,721	1/4	23,488	1/4	8,255	1/4		1/4		1/4		1/4	
1/2	84,084	1/2	68,851	1/2	53,617	1/2	38,404	1/2	23,171	1/2	7,938	1/2		1/2		1/2		1/2	
3/4	83,767	3/4	68,533	3/4	53,300	3/4	38,086	3/4	22,853	3/4	7,620	3/4		3/4		3/4		3/4	
2	83,450	2	68,216	2	52,982	2	37,769	2	22,536	2	7,303	2		2		2		2	
1/4	83,132	1/4	67,899	1/4	52,665	1/4	37,452	1/4	22,219	1/4	6,986	1/4		1/4		1/4		1/4	
1/2	82,815	1/2	67,581	1/2	52,348	1/2	37,134	1/2	21,901	1/2	6,668	1/2		1/2		1/2		1/2	
3/4	82,498	3/4	67,264	3/4	52,030	3/4	36,817	3/4	21,584	3/4	6,351	3/4		3/4		3/4		3/4	
3	82,180	3	66,946	3	51,713	3	36,500	3	21,267	3	6,034	3		3		3		3	
1/4	81,863	1/4	66,629	1/4	51,396	1/4	36,182	1/4	20,949	1/4	5,717	1/4		1/4		1/4		1/4	
1/2	81,545	1/2	66,312	1/2	51,080	1/2	35,865	1/2	20,632	1/2	5,400	1/2		1/2		1/2		1/2	
3/4	81,228	3/4	65,994	3/4	50,763	3/4	35,548	3/4	20,315	3/4	5,083	3/4		3/4		3/4		3/4	
4	80,911	4	65,677	4	50,446	4	35,230	4	19,997	4	4,768	4		4		4		4	
1/4	80,593	1/4	65,360	1/4	50,129	1/4	34,913	1/4	19,680	1/4	4,452	1/4		1/4		1/4		1/4	
1/2	80,276	1/2	65,042	1/2	49,812	1/2	34,596	1/2	19,362	1/2	4,136	1/2		1/2		1/2		1/2	
3/4	79,959	3/4	64,725	3/4	49,495	3/4	34,278	3/4	19,045	3/4	3,820	3/4		3/4		3/4		3/4	
5	79,641	5	64,408	5	49,178	5	33,961	5	18,728	5	3,529	5		5		5		5	
1/4	79,324	1/4	64,090	1/4	48,862	1/4	33,643	1/4	18,410	1/4	3,238	1/4		1/4		1/4		1/4	
1/2	79,007	1/2	63,773	1/2	48,545	1/2	33,326	1/2	18,093	1/2	2,947	1/2		1/2		1/2		1/2	
3/4	78,689	3/4	63,455	3/4	48,228	3/4	33,009	3/4	17,776	3/4	2,657	3/4		3/4		3/4		3/4	
6	78,372	6	63,138	6	47,911	6	32,691	6	17,458	6	2,419	6		6		6		6	
1/4	78,054	1/4	62,821	1/4	47,594	1/4	32,374	1/4	17,141	1/4	2,181	1/4		1/4		1/4		1/4	
1/2	77,737	1/2	62,503	1/2	47,277	1/2	32,057	1/2	16,824	1/2	1,943	1/2		1/2		1/2		1/2	
3/4	77,420	3/4	62,186	3/4	46,960	3/4	31,739	3/4	16,506	3/4	1,705	3/4		3/4		3/4		3/4	
7	77,102	7	61,869	7	46,644	7	31,422	7	16,189	7	1,520	7		7		7		7	
1/4	76,785	1/4	61,551	1/4	46,327	1/4	31,105	1/4	15,872	1/4	1,335	1/4		1/4		1/4		1/4	
1/2	76,468	1/2	61,234	1/2	46,010	1/2	30,787	1/2	15,554	1/2	1,149	1/2		1/2		1/2		1/2	
3/4	76,150	3/4	60,916	3/4	45,693	3/4	30,470	3/4	15,237	3/4	965	3/4		3/4		3/4		3/4	
8	75,833	8	60,599	8	45,376	8	30,153	8	14,919	8		8		8		8		8	
1/4	75,515	1/4	60,282	1/4	45,059	1/4	29,835	1/4	14,602	1/4		1/4		1/4		1/4		1/4	
1/2	75,198	1/2	59,964	1/2	44,742	1/2	29,518	1/2	14,285	1/2		1/2		1/2		1/2		1/2	
3/4	74,881	3/4	59,647	3/4	44,426	3/4	29,201	3/4	13,967	3/4		3/4		3/4		3/4		3/4	
9	74,563	9	59,330	9	44,109	9	28,883	9	13,650	9		9		9		9		9	
1/4	74,246	1/4	59,012	1/4	43,792	1/4	28,566	1/4	13,333	1/4		1/4		1/4		1/4		1/4	
1/2	73,929	1/2	58,695	1/2	43,475	1/2	28,248	1/2	13,015	1/2		1/2		1/2		1/2		1/2	
3/4	73,611	3/4	58,378	3/4	43,158	3/4	27,931	3/4	12,698	3/4		3/4		3/4		3/4		3/4	
10	73,294	10	58,060	10	42,841	10	27,614	10	12,381	10		10		10		10		10	
1/4	72,977	1/4	57,743	1/4	42,524	1/4	27,296	1/4	12,063	1/4		1/4		1/4		1/4		1/4	
1/2	72,659	1/2	57,425	1/2	42,208	1/2	26,979	1/2	11,746	1/2		1/2		1/2		1/2		1/2	
3/4	72,342	3/4	57,108	3/4	41,891	3/4	26,662	3/4	11,429	3/4		3/4		3/4		3/4		3/4	
11	72,024	11	56,791	11	41,574	11	26,344	11	11,111	11		11		11		11		11	
1/4	71,707	1/4	56,473	1/4	41,257	1/4	26,027	1/4	10,794	1/4		1/4		1/4		1/4		1/4	
1/2	71,390	1/2	56,156	1/2	40,940	1/2	25,710	1/2	10,476	1/2		1/2		1/2		1/2		1/2	
3/4	71,072	3/4	55,839	3/4	40,623	3/4	25,392	3/4	10,159	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 390"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	207,889	0	193,390	0	178,238	0	163,010	0	147,782	0	132,554	0	117,326	0	102,095
1/4		1/4		1/4	207,595	1/4	193,080	1/4	177,921	1/4	162,693	1/4	147,465	1/4	132,237	1/4	117,008	1/4	101,777
1/2		1/2	220,306	1/2	207,301	1/2	192,769	1/2	177,603	1/2	162,375	1/2	147,147	1/2	131,919	1/2	116,691	1/2	101,460
3/4		3/4	220,124	3/4	207,005	3/4	192,458	3/4	177,286	3/4	162,058	3/4	146,830	3/4	131,602	3/4	116,374	3/4	101,143
1		1	219,942	1	206,710	1	192,146	1	176,969	1	161,741	1	146,513	1	131,285	1	116,057	1	100,825
1/4		1/4	219,760	1/4	206,415	1/4	191,835	1/4	176,652	1/4	161,424	1/4	146,196	1/4	130,968	1/4	115,739	1/4	100,508
1/2		1/2	219,578	1/2	206,119	1/2	191,523	1/2	176,334	1/2	161,106	1/2	145,878	1/2	130,650	1/2	115,422	1/2	100,190
3/4		3/4	219,344	3/4	205,823	3/4	191,210	3/4	176,017	3/4	160,789	3/4	145,561	3/4	130,333	3/4	115,105	3/4	99,873
2		2	219,110	2	205,526	2	190,897	2	175,700	2	160,472	2	145,244	2	130,016	2	114,788	2	99,556
1/4		1/4	218,877	1/4	205,230	1/4	190,584	1/4	175,383	1/4	160,155	1/4	144,927	1/4	129,699	1/4	114,470	1/4	99,238
1/2		1/2	218,643	1/2	204,933	1/2	190,271	1/2	175,065	1/2	159,837	1/2	144,609	1/2	129,381	1/2	114,153	1/2	98,921
3/4		3/4	218,389	3/4	204,635	3/4	189,957	3/4	174,748	3/4	159,520	3/4	144,292	3/4	129,064	3/4	113,836	3/4	98,604
3		3	218,136	3	204,337	3	189,643	3	174,431	3	159,203	3	143,975	3	128,747	3	113,519	3	98,286
1/4		1/4	217,883	1/4	204,040	1/4	189,329	1/4	174,114	1/4	158,886	1/4	143,658	1/4	128,430	1/4	113,201	1/4	97,969
1/2		1/2	217,629	1/2	203,742	1/2	189,015	1/2	173,796	1/2	158,568	1/2	143,340	1/2	128,112	1/2	112,884	1/2	97,651
3/4		3/4	217,350	3/4	203,443	3/4	188,700	3/4	173,479	3/4	158,251	3/4	143,023	3/4	127,795	3/4	112,567	3/4	97,334
4		4	217,070	4	203,144	4	188,384	4	173,162	4	157,934	4	142,706	4	127,478	4	112,250	4	97,017
1/4		1/4	216,791	1/4	202,844	1/4	188,069	1/4	172,845	1/4	157,617	1/4	142,389	1/4	127,161	1/4	111,932	1/4	96,699
1/2		1/2	216,511	1/2	202,545	1/2	187,754	1/2	172,527	1/2	157,299	1/2	142,071	1/2	126,843	1/2	111,615	1/2	96,382
3/4		3/4	216,229	3/4	202,245	3/4	187,437	3/4	172,210	3/4	156,982	3/4	141,754	3/4	126,526	3/4	111,298	3/4	96,065
5		5	215,947	5	201,945	5	187,120	5	171,893	5	156,665	5	141,437	5	126,209	5	110,981	5	95,747
1/4		1/4	215,665	1/4	201,644	1/4	186,803	1/4	171,576	1/4	156,348	1/4	141,120	1/4	125,892	1/4	110,663	1/4	95,430
1/2		1/2	215,383	1/2	201,344	1/2	186,486	1/2	171,258	1/2	156,030	1/2	140,802	1/2	125,574	1/2	110,346	1/2	95,113
3/4		3/4	215,100	3/4	201,042	3/4	186,169	3/4	170,941	3/4	155,713	3/4	140,485	3/4	125,257	3/4	110,029	3/4	94,795
6		6	214,816	6	200,741	6	185,852	6	170,624	6	155,396	6	140,168	6	124,940	6	109,711	6	94,478
1/4		1/4	214,532	1/4	200,439	1/4	185,535	1/4	170,307	1/4	155,079	1/4	139,851	1/4	124,623	1/4	109,394	1/4	94,160
1/2		1/2	214,249	1/2	200,138	1/2	185,217	1/2	169,989	1/2	154,761	1/2	139,533	1/2	124,305	1/2	109,077	1/2	93,843
3/4		3/4	213,964	3/4	199,835	3/4	184,900	3/4	169,672	3/4	154,444	3/4	139,216	3/4	123,988	3/4	108,759	3/4	93,526
7		7	213,679	7	199,532	7	184,583	7	169,355	7	154,127	7	138,899	7	123,671	7	108,442	7	93,208
1/4		1/4	213,394	1/4	199,229	1/4	184,266	1/4	169,038	1/4	153,810	1/4	138,582	1/4	123,354	1/4	108,125	1/4	92,891
1/2		1/2	213,109	1/2	198,926	1/2	183,948	1/2	168,720	1/2	153,492	1/2	138,264	1/2	123,036	1/2	107,807	1/2	92,574
3/4		3/4	212,823	3/4	198,621	3/4	183,631	3/4	168,403	3/4	153,175	3/4	137,947	3/4	122,719	3/4	107,490	3/4	92,256
8		8	212,537	8	198,316	8	183,314	8	168,086	8	152,858	8	137,630	8	122,402	8	107,173	8	91,939
1/4		1/4	212,251	1/4	198,010	1/4	182,997	1/4	167,769	1/4	152,541	1/4	137,313	1/4	122,084	1/4	106,855	1/4	91,621
1/2		1/2	211,965	1/2	197,705	1/2	182,679	1/2	167,451	1/2	152,223	1/2	136,995	1/2	121,767	1/2	106,538	1/2	91,304
3/4		3/4	211,677	3/4	197,398	3/4	182,362	3/4	167,134	3/4	151,906	3/4	136,678	3/4	121,450	3/4	106,220	3/4	90,987
9		9	211,390	9	197,092	9	182,045	9	166,817	9	151,589	9	136,361	9	121,133	9	105,903	9	90,669
1/4		1/4	211,103	1/4	196,785	1/4	181,728	1/4	166,500	1/4	151,272	1/4	136,044	1/4	120,815	1/4	105,586	1/4	90,352
1/2		1/2	210,815	1/2	196,479	1/2	181,410	1/2	166,182	1/2	150,954	1/2	135,726	1/2	120,498	1/2	105,268	1/2	90,035
3/4		3/4	210,524	3/4	196,171	3/4	181,093	3/4	165,865	3/4	150,637	3/4	135,409	3/4	120,181	3/4	104,951	3/4	89,717
10		10	210,232	10	195,863	10	180,776	10	165,548	10	150,320	10	135,092	10	119,864	10	104,634	10	89,400
1/4		1/4	209,940	1/4	195,555	1/4	180,459	1/4	165,231	1/4	150,003	1/4	134,775	1/4	119,546	1/4	104,316	1/4	89,082
1/2		1/2	209,649	1/2	195,247	1/2	180,141	1/2	164,913	1/2	149,685	1/2	134,457	1/2	119,229	1/2	103,999	1/2	88,765
3/4		3/4	209,356	3/4	194,938	3/4	179,824	3/4	164,596	3/4	149,368	3/4	134,140	3/4	118,912	3/4	103,681	3/4	88,448
11		11	209,063	11	194,629	11	179,507	11	164,279	11	149,051	11	133,823	11	118,595	11	103,364	11	88,130
1/4		1/4	208,770	1/4	194,320	1/4	179,190	1/4	163,962	1/4	148,734	1/4	133,506	1/4	118,277	1/4	103,047	1/4	87,813
1/2		1/2	208,477	1/2	194,011	1/2	178,872	1/2	163,644	1/2	148,416	1/2	133,188	1/2	117,960	1/2	102,729	1/2	87,496
3/4		3/4	208,183	3/4	193,700	3/4	178,555	3/4	163,327	3/4	148,099	3/4	132,871	3/4	117,643	3/4	102,412	3/4	87,178

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,861	0	71,627	0	56,394	0	41,240	0	26,027	0	10,794	0		0		0		0	
1/4	86,544	1/4	71,310	1/4	56,076	1/4	40,925	1/4	25,710	1/4	10,476	1/4		1/4		1/4		1/4	
1/2	86,226	1/2	70,992	1/2	55,759	1/2	40,610	1/2	25,392	1/2	10,159	1/2		1/2		1/2		1/2	
3/4	85,909	3/4	70,675	3/4	55,441	3/4	40,295	3/4	25,075	3/4	9,842	3/4		3/4		3/4		3/4	
1	85,591	1	70,358	1	55,124	1	39,980	1	24,757	1	9,524	1		1		1		1	
1/4	85,274	1/4	70,040	1/4	54,807	1/4	39,664	1/4	24,440	1/4	9,207	1/4		1/4		1/4		1/4	
1/2	84,957	1/2	69,723	1/2	54,489	1/2	39,349	1/2	24,123	1/2	8,890	1/2		1/2		1/2		1/2	
3/4	84,639	3/4	69,406	3/4	54,172	3/4	39,034	3/4	23,805	3/4	8,572	3/4		3/4		3/4		3/4	
2	84,322	2	69,088	2	53,855	2	38,718	2	23,488	2	8,255	2		2		2		2	
1/4	84,005	1/4	68,771	1/4	53,537	1/4	38,402	1/4	23,171	1/4	7,938	1/4		1/4		1/4		1/4	
1/2	83,687	1/2	68,454	1/2	53,220	1/2	38,086	1/2	22,853	1/2	7,620	1/2		1/2		1/2		1/2	
3/4	83,370	3/4	68,136	3/4	52,904	3/4	37,769	3/4	22,536	3/4	7,303	3/4		3/4		3/4		3/4	
3	83,052	3	67,819	3	52,588	3	37,452	3	22,219	3	6,986	3		3		3		3	
1/4	82,735	1/4	67,501	1/4	52,273	1/4	37,134	1/4	21,901	1/4	6,668	1/4		1/4		1/4		1/4	
1/2	82,418	1/2	67,184	1/2	51,957	1/2	36,817	1/2	21,584	1/2	6,351	1/2		1/2		1/2		1/2	
3/4	82,100	3/4	66,867	3/4	51,642	3/4	36,500	3/4	21,267	3/4	6,034	3/4		3/4		3/4		3/4	
4	81,783	4	66,549	4	51,327	4	36,182	4	20,949	4	5,717	4		4		4		4	
1/4	81,466	1/4	66,232	1/4	51,011	1/4	35,865	1/4	20,632	1/4	5,400	1/4		1/4		1/4		1/4	
1/2	81,148	1/2	65,915	1/2	50,696	1/2	35,548	1/2	20,314	1/2	5,083	1/2		1/2		1/2		1/2	
3/4	80,831	3/4	65,597	3/4	50,381	3/4	35,230	3/4	19,997	3/4	4,767	3/4		3/4		3/4		3/4	
5	80,514	5	65,280	5	50,066	5	34,913	5	19,680	5	4,452	5		5		5		5	
1/4	80,196	1/4	64,962	1/4	49,751	1/4	34,596	1/4	19,362	1/4	4,136	1/4		1/4		1/4		1/4	
1/2	79,879	1/2	64,645	1/2	49,435	1/2	34,278	1/2	19,045	1/2	3,820	1/2		1/2		1/2		1/2	
3/4	79,561	3/4	64,328	3/4	49,120	3/4	33,961	3/4	18,728	3/4	3,529	3/4		3/4		3/4		3/4	
6	79,244	6	64,010	6	48,805	6	33,643	6	18,410	6	3,238	6		6		6		6	
1/4	78,927	1/4	63,693	1/4	48,490	1/4	33,326	1/4	18,093	1/4	2,947	1/4		1/4		1/4		1/4	
1/2	78,609	1/2	63,376	1/2	48,175	1/2	33,009	1/2	17,776	1/2	2,657	1/2		1/2		1/2		1/2	
3/4	78,292	3/4	63,058	3/4	47,860	3/4	32,691	3/4	17,458	3/4	2,419	3/4		3/4		3/4		3/4	
7	77,975	7	62,741	7	47,544	7	32,374	7	17,141	7	2,181	7		7		7		7	
1/4	77,657	1/4	62,424	1/4	47,229	1/4	32,057	1/4	16,824	1/4	1,943	1/4		1/4		1/4		1/4	
1/2	77,340	1/2	62,106	1/2	46,914	1/2	31,739	1/2	16,506	1/2	1,705	1/2		1/2		1/2		1/2	
3/4	77,022	3/4	61,789	3/4	46,599	3/4	31,422	3/4	16,189	3/4	1,520	3/4		3/4		3/4		3/4	
8	76,705	8	61,471	8	46,284	8	31,105	8	15,872	8	1,335	8		8		8		8	
1/4	76,388	1/4	61,154	1/4	45,968	1/4	30,787	1/4	15,554	1/4	1,149	1/4		1/4		1/4		1/4	
1/2	76,070	1/2	60,837	1/2	45,653	1/2	30,470	1/2	15,237	1/2	965	1/2		1/2		1/2		1/2	
3/4	75,753	3/4	60,519	3/4	45,338	3/4	30,153	3/4	14,919	3/4		3/4		3/4		3/4		3/4	
9	75,436	9	60,202	9	45,023	9	29,835	9	14,602	9		9		9		9		9	
1/4	75,118	1/4	59,885	1/4	44,708	1/4	29,518	1/4	14,285	1/4		1/4		1/4		1/4		1/4	
1/2	74,801	1/2	59,567	1/2	44,392	1/2	29,200	1/2	13,967	1/2		1/2		1/2		1/2		1/2	
3/4	74,484	3/4	59,250	3/4	44,077	3/4	28,883	3/4	13,650	3/4		3/4		3/4		3/4		3/4	
10	74,166	10	58,932	10	43,762	10	28,566	10	13,333	10		10		10		10		10	
1/4	73,849	1/4	58,615	1/4	43,447	1/4	28,248	1/4	13,015	1/4		1/4		1/4		1/4		1/4	
1/2	73,531	1/2	58,298	1/2	43,132	1/2	27,931	1/2	12,698	1/2		1/2		1/2		1/2		1/2	
3/4	73,214	3/4	57,980	3/4	42,816	3/4	27,614	3/4	12,381	3/4		3/4		3/4		3/4		3/4	
11	72,897	11	57,663	11	42,501	11	27,296	11	12,063	11		11		11		11		11	
1/4	72,579	1/4	57,346	1/4	42,186	1/4	26,979	1/4	11,746	1/4		1/4		1/4		1/4		1/4	
1/2	72,262	1/2	57,028	1/2	41,871	1/2	26,662	1/2	11,429	1/2		1/2		1/2		1/2		1/2	
3/4	71,945	3/4	56,711	3/4	41,556	3/4	26,344	3/4	11,111	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 390"

2 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	206,953	0	192,488	0	177,382	0	162,207	0	147,032	0	131,856	0	116,681	0	101,503
1/4		1/4	219,621	1/4	206,660	1/4	192,179	1/4	177,066	1/4	161,891	1/4	146,715	1/4	131,540	1/4	116,365	1/4	101,187
1/2		1/2	219,440	1/2	206,366	1/2	191,868	1/2	176,750	1/2	161,575	1/2	146,399	1/2	131,224	1/2	116,049	1/2	100,870
3/4		3/4	219,258	3/4	206,072	3/4	191,558	3/4	176,434	3/4	161,258	3/4	146,083	3/4	130,908	3/4	115,733	3/4	100,554
1		1	219,077	1	205,777	1	191,247	1	176,118	1	160,942	1	145,767	1	130,592	1	115,417	1	100,238
1/4		1/4	218,895	1/4	205,483	1/4	190,937	1/4	175,801	1/4	160,626	1/4	145,451	1/4	130,276	1/4	115,100	1/4	99,922
1/2		1/2	218,662	1/2	205,187	1/2	190,625	1/2	175,485	1/2	160,310	1/2	145,135	1/2	129,959	1/2	114,784	1/2	99,605
3/4		3/4	218,429	3/4	204,892	3/4	190,313	3/4	175,169	3/4	159,994	3/4	144,819	3/4	129,643	3/4	114,468	3/4	99,289
2		2	218,197	2	204,596	2	190,001	2	174,853	2	159,678	2	144,502	2	129,327	2	114,152	2	98,973
1/4		1/4	217,964	1/4	204,301	1/4	189,690	1/4	174,537	1/4	159,362	1/4	144,186	1/4	129,011	1/4	113,836	1/4	98,656
1/2		1/2	217,711	1/2	204,004	1/2	189,377	1/2	174,221	1/2	159,045	1/2	143,870	1/2	128,695	1/2	113,520	1/2	98,340
3/4		3/4	217,459	3/4	203,707	3/4	189,064	3/4	173,904	3/4	158,729	3/4	143,554	3/4	128,379	3/4	113,203	3/4	98,024
3		3	217,206	3	203,410	3	188,750	3	173,588	3	158,413	3	143,238	3	128,063	3	112,887	3	97,708
1/4		1/4	216,954	1/4	203,113	1/4	188,437	1/4	173,272	1/4	158,097	1/4	142,922	1/4	127,746	1/4	112,571	1/4	97,391
1/2		1/2	216,675	1/2	202,815	1/2	188,123	1/2	172,956	1/2	157,781	1/2	142,606	1/2	127,430	1/2	112,255	1/2	97,075
3/4		3/4	216,396	3/4	202,517	3/4	187,809	3/4	172,640	3/4	157,465	3/4	142,289	3/4	127,114	3/4	111,939	3/4	96,759
4		4	216,118	4	202,219	4	187,495	4	172,324	4	157,148	4	141,973	4	126,798	4	111,623	4	96,443
1/4		1/4	215,839	1/4	201,921	1/4	187,180	1/4	172,008	1/4	156,832	1/4	141,657	1/4	126,482	1/4	111,307	1/4	96,126
1/2		1/2	215,558	1/2	201,622	1/2	186,865	1/2	171,691	1/2	156,516	1/2	141,341	1/2	126,166	1/2	110,990	1/2	95,810
3/4		3/4	215,277	3/4	201,322	3/4	186,549	3/4	171,375	3/4	156,200	3/4	141,025	3/4	125,850	3/4	110,674	3/4	95,494
5		5	214,996	5	201,023	5	186,234	5	171,059	5	155,884	5	140,709	5	125,533	5	110,358	5	95,178
1/4		1/4	214,715	1/4	200,724	1/4	185,918	1/4	170,743	1/4	155,568	1/4	140,392	1/4	125,217	1/4	110,042	1/4	94,861
1/2		1/2	214,433	1/2	200,423	1/2	185,602	1/2	170,427	1/2	155,252	1/2	140,076	1/2	124,901	1/2	109,726	1/2	94,545
3/4		3/4	214,150	3/4	200,123	3/4	185,286	3/4	170,111	3/4	154,935	3/4	139,760	3/4	124,585	3/4	109,409	3/4	94,229
6		6	213,867	6	199,822	6	184,970	6	169,794	6	154,619	6	139,444	6	124,269	6	109,093	6	93,913
1/4		1/4	213,585	1/4	199,522	1/4	184,654	1/4	169,478	1/4	154,303	1/4	139,128	1/4	123,953	1/4	108,777	1/4	93,596
1/2		1/2	213,301	1/2	199,220	1/2	184,337	1/2	169,162	1/2	153,987	1/2	138,812	1/2	123,636	1/2	108,461	1/2	93,280
3/4		3/4	213,017	3/4	198,918	3/4	184,021	3/4	168,846	3/4	153,671	3/4	138,496	3/4	123,320	3/4	108,144	3/4	92,964
7		7	212,733	7	198,616	7	183,705	7	168,530	7	153,355	7	138,179	7	123,004	7	107,828	7	92,647
1/4		1/4	212,449	1/4	198,314	1/4	183,389	1/4	168,214	1/4	153,039	1/4	137,863	1/4	122,688	1/4	107,512	1/4	92,331
1/2		1/2	212,164	1/2	198,010	1/2	183,073	1/2	167,898	1/2	152,722	1/2	137,547	1/2	122,372	1/2	107,196	1/2	92,015
3/4		3/4	211,879	3/4	197,706	3/4	182,757	3/4	167,581	3/4	152,406	3/4	137,231	3/4	122,056	3/4	106,879	3/4	91,699
8		8	211,594	8	197,402	8	182,441	8	167,265	8	152,090	8	136,915	8	121,740	8	106,563	8	91,382
1/4		1/4	211,308	1/4	197,097	1/4	182,124	1/4	166,949	1/4	151,774	1/4	136,599	1/4	121,423	1/4	106,247	1/4	91,066
1/2		1/2	211,022	1/2	196,792	1/2	181,808	1/2	166,633	1/2	151,458	1/2	136,283	1/2	121,107	1/2	105,931	1/2	90,750
3/4		3/4	210,736	3/4	196,486	3/4	181,492	3/4	166,317	3/4	151,142	3/4	135,966	3/4	120,791	3/4	105,614	3/4	90,434
9		9	210,449	9	196,181	9	181,176	9	166,001	9	150,825	9	135,650	9	120,475	9	105,298	9	90,117
1/4		1/4	210,163	1/4	195,875	1/4	180,860	1/4	165,685	1/4	150,509	1/4	135,334	1/4	120,159	1/4	104,982	1/4	89,801
1/2		1/2	209,872	1/2	195,568	1/2	180,544	1/2	165,368	1/2	150,193	1/2	135,018	1/2	119,843	1/2	104,666	1/2	89,485
3/4		3/4	209,581	3/4	195,262	3/4	180,227	3/4	165,052	3/4	149,877	3/4	134,702	3/4	119,527	3/4	104,349	3/4	89,169
10		10	209,291	10	194,955	10	179,911	10	164,736	10	149,561	10	134,386	10	119,210	10	104,033	10	88,852
1/4		1/4	209,000	1/4	194,648	1/4	179,595	1/4	164,420	1/4	149,245	1/4	134,069	1/4	118,894	1/4	103,717	1/4	88,536
1/2		1/2	208,708	1/2	194,340	1/2	179,279	1/2	164,104	1/2	148,929	1/2	133,753	1/2	118,578	1/2	103,400	1/2	88,220
3/4		3/4	208,416	3/4	194,032	3/4	178,963	3/4	163,788	3/4	148,612	3/4	133,437	3/4	118,262	3/4	103,084	3/4	87,903
11		11	208,124	11	193,724	11	178,647	11	163,471	11	148,296	11	133,121	11	117,946	11	102,768	11	87,587
1/4		1/4	207,832	1/4	193,416	1/4	178,331	1/4	163,155	1/4	147,980	1/4	132,805	1/4	117,630	1/4	102,452	1/4	87,271
1/2		1/2	207,539	1/2	193,107	1/2	178,014	1/2	162,839	1/2	147,664	1/2	132,489	1/2	117,313	1/2	102,135	1/2	86,955
3/4		3/4	207,246	3/4	192,797	3/4	177,698	3/4	162,523	3/4	147,348	3/4	132,173	3/4	116,997	3/4	101,819	3/4	86,638

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 390"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,322	0	71,141	0	55,961	0	40,798	0	25,620	0	10,440	0		0		0		0	
1/4	86,006	1/4	70,825	1/4	55,645	1/4	40,482	1/4	25,304	1/4	10,124	1/4		1/4		1/4		1/4	
1/2	85,690	1/2	70,509	1/2	55,328	1/2	40,167	1/2	24,988	1/2	9,808	1/2		1/2		1/2		1/2	
3/4	85,373	3/4	70,193	3/4	55,012	3/4	39,851	3/4	24,672	3/4	9,491	3/4		3/4		3/4		3/4	
1	85,057	1	69,876	1	54,696	1	39,535	1	24,355	1	9,175	1		1		1		1	
1/4	84,741	1/4	69,560	1/4	54,379	1/4	39,219	1/4	24,039	1/4	8,859	1/4		1/4		1/4		1/4	
1/2	84,425	1/2	69,244	1/2	54,063	1/2	38,903	1/2	23,723	1/2	8,543	1/2		1/2		1/2		1/2	
3/4	84,108	3/4	68,928	3/4	53,747	3/4	38,587	3/4	23,407	3/4	8,226	3/4		3/4		3/4		3/4	
2	83,792	2	68,611	2	53,431	2	38,271	2	23,090	2	7,910	2		2		2		2	
1/4	83,476	1/4	68,295	1/4	53,114	1/4	37,954	1/4	22,774	1/4	7,594	1/4		1/4		1/4		1/4	
1/2	83,160	1/2	67,979	1/2	52,798	1/2	37,638	1/2	22,458	1/2	7,278	1/2		1/2		1/2		1/2	
3/4	82,843	3/4	67,663	3/4	52,482	3/4	37,322	3/4	22,142	3/4	6,961	3/4		3/4		3/4		3/4	
3	82,527	3	67,346	3	52,166	3	37,006	3	21,825	3	6,645	3		3		3		3	
1/4	82,211	1/4	67,030	1/4	51,849	1/4	36,689	1/4	21,509	1/4	6,329	1/4		1/4		1/4		1/4	
1/2	81,894	1/2	66,714	1/2	51,534	1/2	36,373	1/2	21,193	1/2	6,013	1/2		1/2		1/2		1/2	
3/4	81,578	3/4	66,398	3/4	51,218	3/4	36,057	3/4	20,877	3/4	5,697	3/4		3/4		3/4		3/4	
4	81,262	4	66,081	4	50,902	4	35,741	4	20,560	4	5,382	4		4		4		4	
1/4	80,946	1/4	65,765	1/4	50,586	1/4	35,424	1/4	20,244	1/4	5,066	1/4		1/4		1/4		1/4	
1/2	80,629	1/2	65,449	1/2	50,271	1/2	35,108	1/2	19,928	1/2	4,751	1/2		1/2		1/2		1/2	
3/4	80,313	3/4	65,132	3/4	49,955	3/4	34,792	3/4	19,612	3/4	4,436	3/4		3/4		3/4		3/4	
5	79,997	5	64,816	5	49,639	5	34,476	5	19,295	5	4,122	5		5		5		5	
1/4	79,681	1/4	64,500	1/4	49,323	1/4	34,159	1/4	18,979	1/4	3,807	1/4		1/4		1/4		1/4	
1/2	79,364	1/2	64,184	1/2	49,008	1/2	33,843	1/2	18,663	1/2	3,517	1/2		1/2		1/2		1/2	
3/4	79,048	3/4	63,867	3/4	48,692	3/4	33,527	3/4	18,347	3/4	3,227	3/4		3/4		3/4		3/4	
6	78,732	6	63,551	6	48,376	6	33,211	6	18,030	6	2,937	6		6		6		6	
1/4	78,416	1/4	63,235	1/4	48,060	1/4	32,894	1/4	17,714	1/4	2,648	1/4		1/4		1/4		1/4	
1/2	78,099	1/2	62,919	1/2	47,745	1/2	32,578	1/2	17,398	1/2	2,410	1/2		1/2		1/2		1/2	
3/4	77,783	3/4	62,602	3/4	47,429	3/4	32,262	3/4	17,082	3/4	2,173	3/4		3/4		3/4		3/4	
7	77,467	7	62,286	7	47,113	7	31,946	7	16,765	7	1,936	7		7		7		7	
1/4	77,151	1/4	61,970	1/4	46,797	1/4	31,629	1/4	16,449	1/4	1,699	1/4		1/4		1/4		1/4	
1/2	76,834	1/2	61,654	1/2	46,482	1/2	31,313	1/2	16,133	1/2	1,514	1/2		1/2		1/2		1/2	
3/4	76,518	3/4	61,337	3/4	46,166	3/4	30,997	3/4	15,817	3/4	1,330	3/4		3/4		3/4		3/4	
8	76,202	8	61,021	8	45,850	8	30,681	8	15,500	8	1,146	8		8		8		8	
1/4	75,885	1/4	60,705	1/4	45,534	1/4	30,364	1/4	15,184	1/4	961	1/4		1/4		1/4		1/4	
1/2	75,569	1/2	60,389	1/2	45,219	1/2	30,048	1/2	14,868	1/2		1/2		1/2		1/2		1/2	
3/4	75,253	3/4	60,072	3/4	44,903	3/4	29,732	3/4	14,552	3/4		3/4		3/4		3/4		3/4	
9	74,937	9	59,756	9	44,587	9	29,416	9	14,235	9		9		9		9		9	
1/4	74,620	1/4	59,440	1/4	44,271	1/4	29,099	1/4	13,919	1/4		1/4		1/4		1/4		1/4	
1/2	74,304	1/2	59,123	1/2	43,956	1/2	28,783	1/2	13,603	1/2		1/2		1/2		1/2		1/2	
3/4	73,988	3/4	58,807	3/4	43,640	3/4	28,467	3/4	13,286	3/4		3/4		3/4		3/4		3/4	
10	73,672	10	58,491	10	43,324	10	28,151	10	12,970	10		10		10		10		10	
1/4	73,355	1/4	58,175	1/4	43,008	1/4	27,834	1/4	12,654	1/4		1/4		1/4		1/4		1/4	
1/2	73,039	1/2	57,858	1/2	42,693	1/2	27,518	1/2	12,338	1/2		1/2		1/2		1/2		1/2	
3/4	72,723	3/4	57,542	3/4	42,377	3/4	27,202	3/4	12,021	3/4		3/4		3/4		3/4		3/4	
11	72,407	11	57,226	11	42,061	11	26,885	11	11,705	11		11		11		11		11	
1/4	72,090	1/4	56,910	1/4	41,745	1/4	26,569	1/4	11,389	1/4		1/4		1/4		1/4		1/4	
1/2	71,774	1/2	56,593	1/2	41,430	1/2	26,253	1/2	11,073	1/2		1/2		1/2		1/2		1/2	
3/4	71,458	3/4	56,277	3/4	41,114	3/4	25,937	3/4	10,756	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	206,286	0	191,821	0	176,716	0	161,540	0	146,365	0	131,190	0	116,015	0	100,836
1/4		1/4	218,954	1/4	205,993	1/4	191,512	1/4	176,399	1/4	161,224	1/4	146,049	1/4	130,874	1/4	115,698	1/4	100,520
1/2		1/2	218,773	1/2	205,699	1/2	191,201	1/2	176,083	1/2	160,908	1/2	145,733	1/2	130,558	1/2	115,382	1/2	100,204
3/4		3/4	218,591	3/4	205,404	3/4	190,891	3/4	175,767	3/4	160,592	3/4	145,417	3/4	130,241	3/4	115,066	3/4	99,887
1		1	218,410	1	205,110	1	190,580	1	175,451	1	160,276	1	145,101	1	129,925	1	114,750	1	99,571
1/4		1/4	218,228	1/4	204,816	1/4	190,269	1/4	175,135	1/4	159,960	1/4	144,784	1/4	129,609	1/4	114,434	1/4	99,255
1/2		1/2	217,995	1/2	204,520	1/2	189,958	1/2	174,819	1/2	159,643	1/2	144,468	1/2	129,293	1/2	114,118	1/2	98,939
3/4		3/4	217,762	3/4	204,225	3/4	189,646	3/4	174,503	3/4	159,327	3/4	144,152	3/4	128,977	3/4	113,802	3/4	98,622
2		2	217,529	2	203,929	2	189,334	2	174,186	2	159,011	2	143,836	2	128,661	2	113,485	2	98,306
1/4		1/4	217,297	1/4	203,633	1/4	189,022	1/4	173,870	1/4	158,695	1/4	143,520	1/4	128,345	1/4	113,169	1/4	97,990
1/2		1/2	217,044	1/2	203,337	1/2	188,709	1/2	173,554	1/2	158,379	1/2	143,204	1/2	128,028	1/2	112,853	1/2	97,674
3/4		3/4	216,792	3/4	203,040	3/4	188,396	3/4	173,238	3/4	158,063	3/4	142,887	3/4	127,712	3/4	112,537	3/4	97,357
3		3	216,539	3	202,743	3	188,083	3	172,922	3	157,747	3	142,571	3	127,396	3	112,221	3	97,041
1/4		1/4	216,287	1/4	202,446	1/4	187,770	1/4	172,606	1/4	157,430	1/4	142,255	1/4	127,080	1/4	111,905	1/4	96,725
1/2		1/2	216,008	1/2	202,148	1/2	187,456	1/2	172,289	1/2	157,114	1/2	141,939	1/2	126,764	1/2	111,589	1/2	96,408
3/4		3/4	215,729	3/4	201,850	3/4	187,142	3/4	171,973	3/4	156,798	3/4	141,623	3/4	126,448	3/4	111,272	3/4	96,092
4		4	215,451	4	201,552	4	186,827	4	171,657	4	156,482	4	141,307	4	126,131	4	110,956	4	95,776
1/4		1/4	215,172	1/4	201,254	1/4	186,513	1/4	171,341	1/4	156,166	1/4	140,991	1/4	125,815	1/4	110,640	1/4	95,460
1/2		1/2	214,891	1/2	200,955	1/2	186,198	1/2	171,025	1/2	155,850	1/2	140,674	1/2	125,499	1/2	110,324	1/2	95,143
3/4		3/4	214,610	3/4	200,655	3/4	185,882	3/4	170,709	3/4	155,533	3/4	140,358	3/4	125,183	3/4	110,008	3/4	94,827
5		5	214,329	5	200,356	5	185,567	5	170,393	5	155,217	5	140,042	5	124,867	5	109,692	5	94,511
1/4		1/4	214,048	1/4	200,057	1/4	185,252	1/4	170,076	1/4	154,901	1/4	139,726	1/4	124,551	1/4	109,375	1/4	94,195
1/2		1/2	213,765	1/2	199,756	1/2	184,936	1/2	169,760	1/2	154,585	1/2	139,410	1/2	124,235	1/2	109,059	1/2	93,878
3/4		3/4	213,483	3/4	199,456	3/4	184,619	3/4	169,444	3/4	154,269	3/4	139,094	3/4	123,918	3/4	108,743	3/4	93,562
6		6	213,200	6	199,155	6	184,303	6	169,128	6	153,953	6	138,777	6	123,602	6	108,427	6	93,246
1/4		1/4	212,918	1/4	198,854	1/4	183,987	1/4	168,812	1/4	153,637	1/4	138,461	1/4	123,286	1/4	108,110	1/4	92,930
1/2		1/2	212,634	1/2	198,553	1/2	183,671	1/2	168,496	1/2	153,320	1/2	138,145	1/2	122,970	1/2	107,794	1/2	92,613
3/4		3/4	212,350	3/4	198,251	3/4	183,355	3/4	168,180	3/4	153,004	3/4	137,829	3/4	122,654	3/4	107,478	3/4	92,297
7		7	212,066	7	197,949	7	183,039	7	167,863	7	152,688	7	137,513	7	122,338	7	107,162	7	91,981
1/4		1/4	211,782	1/4	197,647	1/4	182,722	1/4	167,547	1/4	152,372	1/4	137,197	1/4	122,021	1/4	106,845	1/4	91,664
1/2		1/2	211,497	1/2	197,343	1/2	182,406	1/2	167,231	1/2	152,056	1/2	136,881	1/2	121,705	1/2	106,529	1/2	91,348
3/4		3/4	211,212	3/4	197,039	3/4	182,090	3/4	166,915	3/4	151,740	3/4	136,564	3/4	121,389	3/4	106,213	3/4	91,032
8		8	210,926	8	196,734	8	181,774	8	166,599	8	151,424	8	136,248	8	121,073	8	105,897	8	90,716
1/4		1/4	210,641	1/4	196,430	1/4	181,458	1/4	166,283	1/4	151,107	1/4	135,932	1/4	120,757	1/4	105,580	1/4	90,399
1/2		1/2	210,355	1/2	196,125	1/2	181,142	1/2	165,966	1/2	150,791	1/2	135,616	1/2	120,441	1/2	105,264	1/2	90,083
3/4		3/4	210,068	3/4	195,819	3/4	180,826	3/4	165,650	3/4	150,475	3/4	135,300	3/4	120,125	3/4	104,948	3/4	89,767
9		9	209,782	9	195,514	9	180,509	9	165,334	9	150,159	9	134,984	9	119,808	9	104,631	9	89,451
1/4		1/4	209,496	1/4	195,208	1/4	180,193	1/4	165,018	1/4	149,843	1/4	134,668	1/4	119,492	1/4	104,315	1/4	89,134
1/2		1/2	209,205	1/2	194,901	1/2	179,877	1/2	164,702	1/2	149,527	1/2	134,351	1/2	119,176	1/2	103,999	1/2	88,818
3/4		3/4	208,914	3/4	194,594	3/4	179,561	3/4	164,386	3/4	149,210	3/4	134,035	3/4	118,860	3/4	103,683	3/4	88,502
10		10	208,624	10	194,288	10	179,245	10	164,070	10	148,894	10	133,719	10	118,544	10	103,366	10	88,185
1/4		1/4	208,333	1/4	193,981	1/4	178,929	1/4	163,753	1/4	148,578	1/4	133,403	1/4	118,228	1/4	103,050	1/4	87,869
1/2		1/2	208,041	1/2	193,673	1/2	178,612	1/2	163,437	1/2	148,262	1/2	133,087	1/2	117,912	1/2	102,734	1/2	87,553
3/4		3/4	207,749	3/4	193,365	3/4	178,296	3/4	163,121	3/4	147,946	3/4	132,771	3/4	117,595	3/4	102,418	3/4	87,237
11		11	207,457	11	193,057	11	177,980	11	162,805	11	147,630	11	132,454	11	117,279	11	102,101	11	86,920
1/4		1/4	207,165	1/4	192,749	1/4	177,664	1/4	162,489	1/4	147,314	1/4	132,138	1/4	116,963	1/4	101,785	1/4	86,604
1/2		1/2	206,872	1/2	192,439	1/2	177,348	1/2	162,173	1/2	146,997	1/2	131,822	1/2	116,647	1/2	101,469	1/2	86,288
3/4		3/4	206,579	3/4	192,130	3/4	177,032	3/4	161,856	3/4	146,681	3/4	131,506	3/4	116,331	3/4	101,152	3/4	85,972

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,655	0	70,474	0	55,294	0	40,673	0	25,621	0	10,440	0		0		0		0	
1/4	85,339	1/4	70,158	1/4	54,977	1/4	40,371	1/4	25,304	1/4	10,124	1/4		1/4		1/4		1/4	
1/2	85,023	1/2	69,842	1/2	54,661	1/2	40,069	1/2	24,988	1/2	9,808	1/2		1/2		1/2		1/2	
3/4	84,707	3/4	69,526	3/4	54,345	3/4	39,767	3/4	24,672	3/4	9,491	3/4		3/4		3/4		3/4	
1	84,390	1	69,209	1	54,028	1	39,466	1	24,356	1	9,175	1		1		1		1	
1/4	84,074	1/4	68,893	1/4	53,712	1/4	39,164	1/4	24,039	1/4	8,859	1/4		1/4		1/4		1/4	
1/2	83,758	1/2	68,577	1/2	53,396	1/2	38,861	1/2	23,723	1/2	8,543	1/2		1/2		1/2		1/2	
3/4	83,441	3/4	68,261	3/4	53,080	3/4	38,559	3/4	23,407	3/4	8,226	3/4		3/4		3/4		3/4	
2	83,125	2	67,944	2	52,763	2	38,257	2	23,090	2	7,910	2		2		2		2	
1/4	82,809	1/4	67,628	1/4	52,447	1/4	37,955	1/4	22,774	1/4	7,594	1/4		1/4		1/4		1/4	
1/2	82,493	1/2	67,312	1/2	52,145	1/2	37,638	1/2	22,458	1/2	7,278	1/2		1/2		1/2		1/2	
3/4	82,176	3/4	66,995	3/4	51,842	3/4	37,322	3/4	22,142	3/4	6,962	3/4		3/4		3/4		3/4	
3	81,860	3	66,679	3	51,540	3	37,006	3	21,825	3	6,645	3		3		3		3	
1/4	81,544	1/4	66,363	1/4	51,238	1/4	36,689	1/4	21,509	1/4	6,329	1/4		1/4		1/4		1/4	
1/2	81,228	1/2	66,047	1/2	50,936	1/2	36,373	1/2	21,193	1/2	6,013	1/2		1/2		1/2		1/2	
3/4	80,911	3/4	65,730	3/4	50,634	3/4	36,057	3/4	20,877	3/4	5,698	3/4		3/4		3/4		3/4	
4	80,595	4	65,414	4	50,332	4	35,741	4	20,560	4	5,382	4		4		4		4	
1/4	80,279	1/4	65,098	1/4	50,030	1/4	35,424	1/4	20,244	1/4	5,066	1/4		1/4		1/4		1/4	
1/2	79,963	1/2	64,782	1/2	49,728	1/2	35,108	1/2	19,928	1/2	4,751	1/2		1/2		1/2		1/2	
3/4	79,646	3/4	64,465	3/4	49,426	3/4	34,792	3/4	19,612	3/4	4,436	3/4		3/4		3/4		3/4	
5	79,330	5	64,149	5	49,125	5	34,476	5	19,295	5	4,122	5		5		5		5	
1/4	79,014	1/4	63,833	1/4	48,823	1/4	34,159	1/4	18,979	1/4	3,807	1/4		1/4		1/4		1/4	
1/2	78,697	1/2	63,517	1/2	48,521	1/2	33,843	1/2	18,663	1/2	3,517	1/2		1/2		1/2		1/2	
3/4	78,381	3/4	63,200	3/4	48,219	3/4	33,527	3/4	18,347	3/4	3,227	3/4		3/4		3/4		3/4	
6	78,065	6	62,884	6	47,917	6	33,211	6	18,030	6	2,937	6		6		6		6	
1/4	77,749	1/4	62,568	1/4	47,615	1/4	32,894	1/4	17,714	1/4	2,648	1/4		1/4		1/4		1/4	
1/2	77,432	1/2	62,251	1/2	47,314	1/2	32,578	1/2	17,398	1/2	2,410	1/2		1/2		1/2		1/2	
3/4	77,116	3/4	61,935	3/4	47,012	3/4	32,262	3/4	17,082	3/4	2,173	3/4		3/4		3/4		3/4	
7	76,800	7	61,619	7	46,710	7	31,946	7	16,765	7	1,936	7		7		7		7	
1/4	76,484	1/4	61,303	1/4	46,408	1/4	31,629	1/4	16,449	1/4	1,699	1/4		1/4		1/4		1/4	
1/2	76,167	1/2	60,986	1/2	46,106	1/2	31,313	1/2	16,133	1/2	1,515	1/2		1/2		1/2		1/2	
3/4	75,851	3/4	60,670	3/4	45,804	3/4	30,997	3/4	15,817	3/4	1,330	3/4		3/4		3/4		3/4	
8	75,535	8	60,354	8	45,502	8	30,681	8	15,500	8	1,146	8		8		8		8	
1/4	75,218	1/4	60,038	1/4	45,201	1/4	30,364	1/4	15,184	1/4	961	1/4		1/4		1/4		1/4	
1/2	74,902	1/2	59,721	1/2	44,899	1/2	30,048	1/2	14,868	1/2		1/2		1/2		1/2		1/2	
3/4	74,586	3/4	59,405	3/4	44,597	3/4	29,732	3/4	14,552	3/4		3/4		3/4		3/4		3/4	
9	74,270	9	59,089	9	44,295	9	29,416	9	14,235	9		9		9		9		9	
1/4	73,953	1/4	58,773	1/4	43,993	1/4	29,099	1/4	13,919	1/4		1/4		1/4		1/4		1/4	
1/2	73,637	1/2	58,456	1/2	43,691	1/2	28,783	1/2	13,603	1/2		1/2		1/2		1/2		1/2	
3/4	73,321	3/4	58,140	3/4	43,390	3/4	28,467	3/4	13,287	3/4		3/4		3/4		3/4		3/4	
10	73,005	10	57,824	10	43,088	10	28,151	10	12,970	10		10		10		10		10	
1/4	72,688	1/4	57,507	1/4	42,786	1/4	27,834	1/4	12,654	1/4		1/4		1/4		1/4		1/4	
1/2	72,372	1/2	57,191	1/2	42,484	1/2	27,518	1/2	12,338	1/2		1/2		1/2		1/2		1/2	
3/4	72,056	3/4	56,875	3/4	42,182	3/4	27,202	3/4	12,022	3/4		3/4		3/4		3/4		3/4	
11	71,740	11	56,559	11	41,880	11	26,886	11	11,705	11		11		11		11		11	
1/4	71,423	1/4	56,242	1/4	41,578	1/4	26,569	1/4	11,389	1/4		1/4		1/4		1/4		1/4	
1/2	71,107	1/2	55,926	1/2	41,277	1/2	26,253	1/2	11,073	1/2		1/2		1/2		1/2		1/2	
3/4	70,791	3/4	55,610	3/4	40,975	3/4	25,937	3/4	10,757	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

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	178,961	0	171,221	0	163,134	0	155,007	0	146,591	0	131,562	0	116,479	0	101,370
1/4		1/4		1/4	178,804	1/4	171,055	1/4	162,965	1/4	154,837	1/4	146,278	1/4	131,247	1/4	116,164	1/4	101,055
1/2		1/2	185,150	1/2	178,647	1/2	170,889	1/2	162,795	1/2	154,668	1/2	145,964	1/2	130,933	1/2	115,849	1/2	100,740
3/4		3/4	185,113	3/4	178,490	3/4	170,723	3/4	162,626	3/4	154,499	3/4	145,651	3/4	130,619	3/4	115,535	3/4	100,426
1		1	185,077	1	178,332	1	170,557	1	162,457	1	154,329	1	145,338	1	130,305	1	115,220	1	100,111
1/4		1/4	185,040	1/4	178,174	1/4	170,391	1/4	162,287	1/4	154,160	1/4	145,024	1/4	129,991	1/4	114,905	1/4	99,796
1/2		1/2	185,004	1/2	178,017	1/2	170,224	1/2	162,118	1/2	153,991	1/2	144,711	1/2	129,676	1/2	114,590	1/2	99,481
3/4		3/4	184,916	3/4	177,858	3/4	170,057	3/4	161,949	3/4	153,822	3/4	144,397	3/4	129,362	3/4	114,276	3/4	99,166
2		2	184,827	2	177,700	2	169,890	2	161,780	2	153,652	2	144,084	2	129,048	2	113,961	2	98,852
1/4		1/4	184,739	1/4	177,541	1/4	169,723	1/4	161,610	1/4	153,483	1/4	143,771	1/4	128,734	1/4	113,646	1/4	98,537
1/2		1/2	184,650	1/2	177,383	1/2	169,556	1/2	161,441	1/2	153,314	1/2	143,457	1/2	128,420	1/2	113,331	1/2	98,222
3/4		3/4	184,527	3/4	177,224	3/4	169,389	3/4	161,272	3/4	153,144	3/4	143,144	3/4	128,105	3/4	113,017	3/4	97,907
3		3	184,404	3	177,065	3	169,221	3	161,102	3	152,975	3	142,830	3	127,791	3	112,702	3	97,592
1/4		1/4	184,281	1/4	176,906	1/4	169,053	1/4	160,933	1/4	152,806	1/4	142,517	1/4	127,477	1/4	112,387	1/4	97,278
1/2		1/2	184,158	1/2	176,747	1/2	168,886	1/2	160,764	1/2	152,636	1/2	142,203	1/2	127,163	1/2	112,072	1/2	96,963
3/4		3/4	184,009	3/4	176,587	3/4	168,717	3/4	160,594	3/4	152,467	3/4	141,890	3/4	126,849	3/4	111,758	3/4	96,648
4		4	183,861	4	176,428	4	168,549	4	160,425	4	152,298	4	141,577	4	126,534	4	111,443	4	96,333
1/4		1/4	183,712	1/4	176,268	1/4	168,381	1/4	160,256	1/4	152,128	1/4	141,263	1/4	126,220	1/4	111,128	1/4	96,018
1/2		1/2	183,563	1/2	176,108	1/2	168,212	1/2	160,086	1/2	151,959	1/2	140,950	1/2	125,906	1/2	110,814	1/2	95,704
3/4		3/4	183,413	3/4	175,948	3/4	168,043	3/4	159,917	3/4	151,790	3/4	140,636	3/4	125,592	3/4	110,499	3/4	95,389
5		5	183,263	5	175,787	5	167,874	5	159,748	5	151,620	5	140,323	5	125,278	5	110,184	5	95,074
1/4		1/4	183,112	1/4	175,627	1/4	167,705	1/4	159,578	1/4	151,451	1/4	140,010	1/4	124,963	1/4	109,869	1/4	94,759
1/2		1/2	182,962	1/2	175,467	1/2	167,536	1/2	159,409	1/2	151,282	1/2	139,696	1/2	124,649	1/2	109,555	1/2	94,445
3/4		3/4	182,811	3/4	175,306	3/4	167,367	3/4	159,240	3/4	151,112	3/4	139,383	3/4	124,335	3/4	109,240	3/4	94,130
6		6	182,659	6	175,145	6	167,198	6	159,070	6	150,943	6	139,071	6	124,021	6	108,925	6	93,815
1/4		1/4	182,508	1/4	174,984	1/4	167,028	1/4	158,901	1/4	150,774	1/4	138,758	1/4	123,707	1/4	108,610	1/4	93,500
1/2		1/2	182,357	1/2	174,823	1/2	166,859	1/2	158,732	1/2	150,604	1/2	138,445	1/2	123,392	1/2	108,295	1/2	93,185
3/4		3/4	182,205	3/4	174,661	3/4	166,690	3/4	158,562	3/4	150,435	3/4	138,132	3/4	123,078	3/4	107,981	3/4	92,871
7		7	182,053	7	174,499	7	166,520	7	158,393	7	150,266	7	137,820	7	122,764	7	107,666	7	92,556
1/4		1/4	181,900	1/4	174,337	1/4	166,351	1/4	158,224	1/4	150,097	1/4	137,507	1/4	122,450	1/4	107,351	1/4	92,241
1/2		1/2	181,748	1/2	174,176	1/2	166,182	1/2	158,055	1/2	149,927	1/2	137,194	1/2	122,136	1/2	107,036	1/2	91,926
3/4		3/4	181,596	3/4	174,013	3/4	166,012	3/4	157,885	3/4	149,758	3/4	136,881	3/4	121,821	3/4	106,721	3/4	91,611
8		8	181,443	8	173,850	8	165,843	8	157,716	8	149,589	8	136,569	8	121,507	8	106,407	8	91,297
1/4		1/4	181,290	1/4	173,687	1/4	165,674	1/4	157,547	1/4	149,419	1/4	136,256	1/4	121,193	1/4	106,092	1/4	90,982
1/2		1/2	181,137	1/2	173,524	1/2	165,505	1/2	157,377	1/2	149,250	1/2	135,943	1/2	120,879	1/2	105,777	1/2	90,667
3/4		3/4	180,984	3/4	173,360	3/4	165,335	3/4	157,208	3/4	149,081	3/4	135,630	3/4	120,565	3/4	105,462	3/4	90,352
9		9	180,831	9	173,197	9	165,166	9	157,039	9	148,911	9	135,318	9	120,250	9	105,148	9	90,037
1/4		1/4	180,677	1/4	173,033	1/4	164,997	1/4	156,869	1/4	148,742	1/4	135,005	1/4	119,936	1/4	104,833	1/4	89,723
1/2		1/2	180,524	1/2	172,869	1/2	164,827	1/2	156,700	1/2	148,573	1/2	134,692	1/2	119,622	1/2	104,518	1/2	89,408
3/4		3/4	180,368	3/4	172,705	3/4	164,658	3/4	156,531	3/4	148,403	3/4	134,379	3/4	119,308	3/4	104,203	3/4	89,093
10		10	180,212	10	172,541	10	164,489	10	156,361	10	148,234	10	134,066	10	118,994	10	103,888	10	88,778
1/4		1/4	180,057	1/4	172,376	1/4	164,319	1/4	156,192	1/4	148,065	1/4	133,754	1/4	118,679	1/4	103,574	1/4	88,463
1/2		1/2	179,901	1/2	172,212	1/2	164,150	1/2	156,023	1/2	147,895	1/2	133,441	1/2	118,365	1/2	103,259	1/2	88,149
3/4		3/4	179,745	3/4	172,047	3/4	163,981	3/4	155,853	3/4	147,726	3/4	133,128	3/4	118,051	3/4	102,944	3/4	87,834
11		11	179,588	11	171,882	11	163,811	11	155,684	11	147,557	11	132,815	11	117,737	11	102,629	11	87,519
1/4		1/4	179,432	1/4	171,717	1/4	163,642	1/4	155,515	1/4	147,387	1/4	132,503	1/4	117,423	1/4	102,314	1/4	87,204
1/2		1/2	179,276	1/2	171,552	1/2	163,473	1/2	155,345	1/2	147,218	1/2	132,190	1/2	117,108	1/2	102,000	1/2	86,889
3/4		3/4	179,118	3/4	171,386	3/4	163,303	3/4	155,176	3/4	146,905	3/4	131,876	3/4	116,794	3/4	101,685	3/4	86,575

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

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	86,260	0	71,146	0	56,033	0	40,932	0	25,822	0	10,709	0		0		0		0	
1/4	85,945	1/4	70,832	1/4	55,718	1/4	40,617	1/4	25,507	1/4	10,394	1/4		1/4		1/4		1/4	
1/2	85,630	1/2	70,517	1/2	55,403	1/2	40,303	1/2	25,192	1/2	10,079	1/2		1/2		1/2		1/2	
3/4	85,315	3/4	70,202	3/4	55,088	3/4	39,988	3/4	24,877	3/4	9,765	3/4		3/4		3/4		3/4	
1	85,001	1	69,887	1	54,773	1	39,674	1	24,563	1	9,450	1		1		1		1	
1/4	84,686	1/4	69,572	1/4	54,459	1/4	39,359	1/4	24,248	1/4	9,135	1/4		1/4		1/4		1/4	
1/2	84,371	1/2	69,257	1/2	54,144	1/2	39,045	1/2	23,933	1/2	8,820	1/2		1/2		1/2		1/2	
3/4	84,056	3/4	68,942	3/4	53,829	3/4	38,730	3/4	23,618	3/4	8,505	3/4		3/4		3/4		3/4	
2	83,741	2	68,628	2	53,514	2	38,416	2	23,303	2	8,190	2		2		2		2	
1/4	83,426	1/4	68,313	1/4	53,199	1/4	38,101	1/4	22,988	1/4	7,875	1/4		1/4		1/4		1/4	
1/2	83,111	1/2	67,998	1/2	52,884	1/2	37,786	1/2	22,673	1/2	7,561	1/2		1/2		1/2		1/2	
3/4	82,796	3/4	67,683	3/4	52,569	3/4	37,472	3/4	22,359	3/4	7,246	3/4		3/4		3/4		3/4	
3	82,482	3	67,368	3	52,255	3	37,157	3	22,044	3	6,931	3		3		3		3	
1/4	82,167	1/4	67,053	1/4	51,940	1/4	36,842	1/4	21,729	1/4	6,616	1/4		1/4		1/4		1/4	
1/2	81,852	1/2	66,738	1/2	51,625	1/2	36,527	1/2	21,414	1/2	6,301	1/2		1/2		1/2		1/2	
3/4	81,537	3/4	66,423	3/4	51,310	3/4	36,212	3/4	21,099	3/4	5,987	3/4		3/4		3/4		3/4	
4	81,222	4	66,109	4	50,995	4	35,897	4	20,784	4	5,672	4		4		4		4	
1/4	80,907	1/4	65,794	1/4	50,681	1/4	35,582	1/4	20,470	1/4	5,358	1/4		1/4		1/4		1/4	
1/2	80,592	1/2	65,479	1/2	50,366	1/2	35,268	1/2	20,155	1/2	5,044	1/2		1/2		1/2		1/2	
3/4	80,278	3/4	65,164	3/4	50,051	3/4	34,953	3/4	19,840	3/4	4,730	3/4		3/4		3/4		3/4	
5	79,963	5	64,849	5	49,737	5	34,638	5	19,525	5	4,417	5		5		5		5	
1/4	79,648	1/4	64,534	1/4	49,422	1/4	34,323	1/4	19,210	1/4	4,104	1/4		1/4		1/4		1/4	
1/2	79,333	1/2	64,219	1/2	49,108	1/2	34,008	1/2	18,895	1/2	3,790	1/2		1/2		1/2		1/2	
3/4	79,018	3/4	63,905	3/4	48,794	3/4	33,693	3/4	18,580	3/4	3,502	3/4		3/4		3/4		3/4	
6	78,703	6	63,590	6	48,479	6	33,378	6	18,266	6	3,213	6		6		6		6	
1/4	78,388	1/4	63,275	1/4	48,165	1/4	33,064	1/4	17,951	1/4	2,925	1/4		1/4		1/4		1/4	
1/2	78,074	1/2	62,960	1/2	47,850	1/2	32,749	1/2	17,636	1/2	2,636	1/2		1/2		1/2		1/2	
3/4	77,759	3/4	62,645	3/4	47,536	3/4	32,434	3/4	17,321	3/4	2,400	3/4		3/4		3/4		3/4	
7	77,444	7	62,330	7	47,221	7	32,119	7	17,006	7	2,164	7		7		7		7	
1/4	77,129	1/4	62,015	1/4	46,907	1/4	31,804	1/4	16,691	1/4	1,928	1/4		1/4		1/4		1/4	
1/2	76,814	1/2	61,700	1/2	46,592	1/2	31,489	1/2	16,376	1/2	1,692	1/2		1/2		1/2		1/2	
3/4	76,499	3/4	61,386	3/4	46,278	3/4	31,175	3/4	16,062	3/4	1,508	3/4		3/4		3/4		3/4	
8	76,184	8	61,071	8	45,963	8	30,860	8	15,747	8	1,324	8		8		8		8	
1/4	75,869	1/4	60,756	1/4	45,649	1/4	30,545	1/4	15,432	1/4	1,141	1/4		1/4		1/4		1/4	
1/2	75,555	1/2	60,441	1/2	45,334	1/2	30,230	1/2	15,117	1/2	957	1/2		1/2		1/2		1/2	
3/4	75,240	3/4	60,126	3/4	45,020	3/4	29,915	3/4	14,802	3/4		3/4		3/4		3/4		3/4	
9	74,925	9	59,811	9	44,705	9	29,600	9	14,487	9		9		9		9		9	
1/4	74,610	1/4	59,496	1/4	44,391	1/4	29,285	1/4	14,172	1/4		1/4		1/4		1/4		1/4	
1/2	74,295	1/2	59,182	1/2	44,076	1/2	28,971	1/2	13,858	1/2		1/2		1/2		1/2		1/2	
3/4	73,980	3/4	58,867	3/4	43,762	3/4	28,656	3/4	13,543	3/4		3/4		3/4		3/4		3/4	
10	73,665	10	58,552	10	43,448	10	28,341	10	13,228	10		10		10		10		10	
1/4	73,351	1/4	58,237	1/4	43,133	1/4	28,026	1/4	12,913	1/4		1/4		1/4		1/4		1/4	
1/2	73,036	1/2	57,922	1/2	42,819	1/2	27,711	1/2	12,598	1/2		1/2		1/2		1/2		1/2	
3/4	72,721	3/4	57,607	3/4	42,504	3/4	27,396	3/4	12,283	3/4		3/4		3/4		3/4		3/4	
11	72,406	11	57,292	11	42,190	11	27,081	11	11,968	11		11		11		11		11	
1/4	72,091	1/4	56,978	1/4	41,875	1/4	26,767	1/4	11,654	1/4		1/4		1/4		1/4		1/4	
1/2	71,776	1/2	56,663	1/2	41,561	1/2	26,452	1/2	11,339	1/2		1/2		1/2		1/2		1/2	
3/4	71,461	3/4	56,348	3/4	41,246	3/4	26,137	3/4	11,024	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	177,818	0	170,105	0	162,047	0	153,948	0	145,560	0	130,559	0	115,512	0	100,431
1/4		1/4		1/4	177,661	1/4	169,940	1/4	161,878	1/4	153,779	1/4	145,247	1/4	130,245	1/4	115,198	1/4	100,117
1/2		1/2	183,979	1/2	177,505	1/2	169,775	1/2	161,709	1/2	153,610	1/2	144,935	1/2	129,931	1/2	114,883	1/2	99,803
3/4		3/4	183,943	3/4	177,348	3/4	169,609	3/4	161,540	3/4	153,441	3/4	144,622	3/4	129,618	3/4	114,569	3/4	99,489
1		1	183,907	1	177,190	1	169,443	1	161,372	1	153,273	1	144,309	1	129,304	1	114,255	1	99,175
1/4		1/4	183,871	1/4	177,033	1/4	169,278	1/4	161,203	1/4	153,104	1/4	143,996	1/4	128,991	1/4	113,941	1/4	98,860
1/2		1/2	183,835	1/2	176,876	1/2	169,112	1/2	161,034	1/2	152,935	1/2	143,683	1/2	128,677	1/2	113,627	1/2	98,546
3/4		3/4	183,747	3/4	176,718	3/4	168,946	3/4	160,865	3/4	152,766	3/4	143,370	3/4	128,364	3/4	113,313	3/4	98,232
2		2	183,660	2	176,561	2	168,779	2	160,697	2	152,598	2	143,058	2	128,050	2	112,999	2	97,918
1/4		1/4	183,572	1/4	176,403	1/4	168,613	1/4	160,528	1/4	152,429	1/4	142,745	1/4	127,737	1/4	112,684	1/4	97,604
1/2		1/2	183,484	1/2	176,245	1/2	168,446	1/2	160,359	1/2	152,260	1/2	142,432	1/2	127,424	1/2	112,370	1/2	97,289
3/4		3/4	183,361	3/4	176,087	3/4	168,279	3/4	160,191	3/4	152,091	3/4	142,119	3/4	127,111	3/4	112,056	3/4	96,975
3		3	183,239	3	175,928	3	168,112	3	160,022	3	151,923	3	141,806	3	126,797	3	111,742	3	96,661
1/4		1/4	183,116	1/4	175,770	1/4	167,945	1/4	159,853	1/4	151,754	1/4	141,494	1/4	126,484	1/4	111,428	1/4	96,347
1/2		1/2	182,994	1/2	175,611	1/2	167,778	1/2	159,684	1/2	151,585	1/2	141,181	1/2	126,171	1/2	111,114	1/2	96,032
3/4		3/4	182,846	3/4	175,452	3/4	167,610	3/4	159,516	3/4	151,417	3/4	140,868	3/4	125,857	3/4	110,800	3/4	95,718
4		4	182,698	4	175,293	4	167,443	4	159,347	4	151,248	4	140,555	4	125,544	4	110,486	4	95,404
1/4		1/4	182,550	1/4	175,134	1/4	167,275	1/4	159,178	1/4	151,079	1/4	140,242	1/4	125,231	1/4	110,171	1/4	95,090
1/2		1/2	182,402	1/2	174,975	1/2	167,107	1/2	159,009	1/2	150,910	1/2	139,929	1/2	124,918	1/2	109,857	1/2	94,776
3/4		3/4	182,252	3/4	174,815	3/4	166,939	3/4	158,841	3/4	150,742	3/4	139,617	3/4	124,604	3/4	109,543	3/4	94,461
5		5	182,102	5	174,655	5	166,770	5	158,672	5	150,573	5	139,304	5	124,291	5	109,229	5	94,147
1/4		1/4	181,953	1/4	174,495	1/4	166,602	1/4	158,503	1/4	150,404	1/4	138,991	1/4	123,978	1/4	108,915	1/4	93,833
1/2		1/2	181,803	1/2	174,336	1/2	166,434	1/2	158,335	1/2	150,235	1/2	138,678	1/2	123,664	1/2	108,601	1/2	93,519
3/4		3/4	181,652	3/4	174,175	3/4	166,265	3/4	158,166	3/4	150,067	3/4	138,366	3/4	123,351	3/4	108,287	3/4	93,205
6		6	181,501	6	174,015	6	166,096	6	157,997	6	149,898	6	138,054	6	123,038	6	107,972	6	92,890
1/4		1/4	181,351	1/4	173,854	1/4	165,927	1/4	157,828	1/4	149,729	1/4	137,742	1/4	122,725	1/4	107,658	1/4	92,576
1/2		1/2	181,200	1/2	173,694	1/2	165,759	1/2	157,660	1/2	149,561	1/2	137,429	1/2	122,411	1/2	107,344	1/2	92,262
3/4		3/4	181,048	3/4	173,533	3/4	165,590	3/4	157,491	3/4	149,392	3/4	137,117	3/4	122,098	3/4	107,030	3/4	91,948
7		7	180,897	7	173,372	7	165,421	7	157,322	7	149,223	7	136,805	7	121,785	7	106,715	7	91,634
1/4		1/4	180,745	1/4	173,211	1/4	165,252	1/4	157,153	1/4	149,054	1/4	136,493	1/4	121,471	1/4	106,401	1/4	91,319
1/2		1/2	180,594	1/2	173,049	1/2	165,084	1/2	156,985	1/2	148,886	1/2	136,181	1/2	121,158	1/2	106,087	1/2	91,005
3/4		3/4	180,442	3/4	172,887	3/4	164,915	3/4	156,816	3/4	148,717	3/4	135,869	3/4	120,844	3/4	105,773	3/4	90,691
8		8	180,290	8	172,725	8	164,746	8	156,647	8	148,548	8	135,556	8	120,531	8	105,459	8	90,377
1/4		1/4	180,137	1/4	172,562	1/4	164,578	1/4	156,478	1/4	148,379	1/4	135,244	1/4	120,217	1/4	105,144	1/4	90,063
1/2		1/2	179,985	1/2	172,400	1/2	164,409	1/2	156,310	1/2	148,211	1/2	134,932	1/2	119,904	1/2	104,830	1/2	89,748
3/4		3/4	179,832	3/4	172,237	3/4	164,240	3/4	156,141	3/4	148,042	3/4	134,620	3/4	119,590	3/4	104,516	3/4	89,434
9		9	179,680	9	172,074	9	164,071	9	155,972	9	147,873	9	134,308	9	119,276	9	104,202	9	89,120
1/4		1/4	179,527	1/4	171,911	1/4	163,903	1/4	155,804	1/4	147,704	1/4	133,996	1/4	118,963	1/4	103,888	1/4	88,806
1/2		1/2	179,374	1/2	171,748	1/2	163,734	1/2	155,635	1/2	147,536	1/2	133,683	1/2	118,649	1/2	103,573	1/2	88,492
3/4		3/4	179,219	3/4	171,584	3/4	163,565	3/4	155,466	3/4	147,367	3/4	133,371	3/4	118,336	3/4	103,259	3/4	88,177
10		10	179,064	10	171,420	10	163,396	10	155,297	10	147,198	10	133,059	10	118,022	10	102,945	10	87,863
1/4		1/4	178,909	1/4	171,256	1/4	163,228	1/4	155,129	1/4	147,030	1/4	132,747	1/4	117,708	1/4	102,631	1/4	87,549
1/2		1/2	178,754	1/2	171,093	1/2	163,059	1/2	154,960	1/2	146,861	1/2	132,435	1/2	117,395	1/2	102,317	1/2	87,235
3/4		3/4	178,598	3/4	170,928	3/4	162,890	3/4	154,791	3/4	146,692	3/4	132,122	3/4	117,081	3/4	102,002	3/4	86,920
11		11	178,442	11	170,764	11	162,722	11	154,622	11	146,523	11	131,810	11	116,768	11	101,688	11	86,606
1/4		1/4	178,286	1/4	170,600	1/4	162,553	1/4	154,454	1/4	146,355	1/4	131,498	1/4	116,454	1/4	101,374	1/4	86,292
1/2		1/2	178,130	1/2	170,435	1/2	162,384	1/2	154,285	1/2	146,186	1/2	131,186	1/2	116,140	1/2	101,060	1/2	85,978
3/4		3/4	177,974	3/4	170,270	3/4	162,215	3/4	154,116	3/4	145,873	3/4	130,872	3/4	115,826	3/4	100,746	3/4	85,664

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 390"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,349	0	70,264	0	55,236	0	40,578	0	25,783	0	10,693	0		0		0		0	
1/4	85,035	1/4	69,950	1/4	54,924	1/4	40,278	1/4	25,468	1/4	10,379	1/4		1/4		1/4		1/4	
1/2	84,721	1/2	69,636	1/2	54,613	1/2	39,978	1/2	25,154	1/2	10,064	1/2		1/2		1/2		1/2	
3/4	84,407	3/4	69,321	3/4	54,301	3/4	39,678	3/4	24,840	3/4	9,750	3/4		3/4		3/4		3/4	
1	84,093	1	69,007	1	53,989	1	39,378	1	24,525	1	9,436	1		1		1		1	
1/4	83,778	1/4	68,693	1/4	53,678	1/4	39,077	1/4	24,211	1/4	9,121	1/4		1/4		1/4		1/4	
1/2	83,464	1/2	68,379	1/2	53,366	1/2	38,777	1/2	23,896	1/2	8,807	1/2		1/2		1/2		1/2	
3/4	83,150	3/4	68,064	3/4	53,054	3/4	38,477	3/4	23,582	3/4	8,492	3/4		3/4		3/4		3/4	
2	82,835	2	67,750	2	52,742	2	38,177	2	23,268	2	8,178	2		2		2		2	
1/4	82,521	1/4	67,436	1/4	52,431	1/4	37,876	1/4	22,953	1/4	7,864	1/4		1/4		1/4		1/4	
1/2	82,207	1/2	67,122	1/2	52,119	1/2	37,576	1/2	22,639	1/2	7,549	1/2		1/2		1/2		1/2	
3/4	81,893	3/4	66,807	3/4	51,808	3/4	37,275	3/4	22,325	3/4	7,235	3/4		3/4		3/4		3/4	
3	81,578	3	66,493	3	51,497	3	36,973	3	22,010	3	6,921	3		3		3		3	
1/4	81,264	1/4	66,179	1/4	51,186	1/4	36,672	1/4	21,696	1/4	6,606	1/4		1/4		1/4		1/4	
1/2	80,950	1/2	65,864	1/2	50,875	1/2	36,371	1/2	21,381	1/2	6,292	1/2		1/2		1/2		1/2	
3/4	80,635	3/4	65,550	3/4	50,564	3/4	36,070	3/4	21,067	3/4	5,978	3/4		3/4		3/4		3/4	
4	80,321	4	65,236	4	50,253	4	35,768	4	20,753	4	5,664	4		4		4		4	
1/4	80,007	1/4	64,922	1/4	49,943	1/4	35,467	1/4	20,438	1/4	5,350	1/4		1/4		1/4		1/4	
1/2	79,693	1/2	64,607	1/2	49,632	1/2	35,166	1/2	20,124	1/2	5,035	1/2		1/2		1/2		1/2	
3/4	79,378	3/4	64,293	3/4	49,320	3/4	34,863	3/4	19,810	3/4	4,723	3/4		3/4		3/4		3/4	
5	79,064	5	63,979	5	49,007	5	34,561	5	19,495	5	4,410	5		5		5		5	
1/4	78,750	1/4	63,664	1/4	48,695	1/4	34,259	1/4	19,181	1/4	4,097	1/4		1/4		1/4		1/4	
1/2	78,436	1/2	63,350	1/2	48,383	1/2	33,956	1/2	18,867	1/2	3,784	1/2		1/2		1/2		1/2	
3/4	78,121	3/4	63,036	3/4	48,083	3/4	33,642	3/4	18,552	3/4	3,496	3/4		3/4		3/4		3/4	
6	77,807	6	62,722	6	47,783	6	33,327	6	18,238	6	3,209	6		6		6		6	
1/4	77,493	1/4	62,407	1/4	47,483	1/4	33,013	1/4	17,923	1/4	2,921	1/4		1/4		1/4		1/4	
1/2	77,178	1/2	62,093	1/2	47,182	1/2	32,699	1/2	17,609	1/2	2,633	1/2		1/2		1/2		1/2	
3/4	76,864	3/4	61,781	3/4	46,882	3/4	32,384	3/4	17,295	3/4	2,398	3/4		3/4		3/4		3/4	
7	76,550	7	61,470	7	46,582	7	32,070	7	16,980	7	2,162	7		7		7		7	
1/4	76,236	1/4	61,158	1/4	46,282	1/4	31,756	1/4	16,666	1/4	1,926	1/4		1/4		1/4		1/4	
1/2	75,921	1/2	60,846	1/2	45,982	1/2	31,441	1/2	16,352	1/2	1,691	1/2		1/2		1/2		1/2	
3/4	75,607	3/4	60,535	3/4	45,682	3/4	31,127	3/4	16,037	3/4	1,507	3/4		3/4		3/4		3/4	
8	75,293	8	60,223	8	45,381	8	30,812	8	15,723	8	1,324	8		8		8		8	
1/4	74,978	1/4	59,911	1/4	45,081	1/4	30,498	1/4	15,409	1/4	1,140	1/4		1/4		1/4		1/4	
1/2	74,664	1/2	59,600	1/2	44,781	1/2	30,184	1/2	15,094	1/2	957	1/2		1/2		1/2		1/2	
3/4	74,350	3/4	59,288	3/4	44,481	3/4	29,869	3/4	14,780	3/4		3/4		3/4		3/4		3/4	
9	74,036	9	58,976	9	44,181	9	29,555	9	14,465	9		9		9		9		9	
1/4	73,721	1/4	58,665	1/4	43,880	1/4	29,241	1/4	14,151	1/4		1/4		1/4		1/4		1/4	
1/2	73,407	1/2	58,353	1/2	43,580	1/2	28,926	1/2	13,837	1/2		1/2		1/2		1/2		1/2	
3/4	73,093	3/4	58,041	3/4	43,280	3/4	28,612	3/4	13,522	3/4		3/4		3/4		3/4		3/4	
10	72,779	10	57,729	10	42,980	10	28,298	10	13,208	10		10		10		10		10	
1/4	72,464	1/4	57,418	1/4	42,680	1/4	27,983	1/4	12,894	1/4		1/4		1/4		1/4		1/4	
1/2	72,150	1/2	57,106	1/2	42,379	1/2	27,669	1/2	12,579	1/2		1/2		1/2		1/2		1/2	
3/4	71,836	3/4	56,794	3/4	42,079	3/4	27,354	3/4	12,265	3/4		3/4		3/4		3/4		3/4	
11	71,521	11	56,483	11	41,779	11	27,040	11	11,951	11		11		11		11		11	
1/4	71,207	1/4	56,171	1/4	41,479	1/4	26,726	1/4	11,636	1/4		1/4		1/4		1/4		1/4	
1/2	70,893	1/2	55,859	1/2	41,179	1/2	26,411	1/2	11,322	1/2		1/2		1/2		1/2		1/2	
3/4	70,579	3/4	55,548	3/4	40,878	3/4	26,097	3/4	11,007	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

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ALL PRIOR TO 11/2013

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