



BARGE "CBC 1390"

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 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 CENTER	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	00-1/2	- 00-1/2
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

March 17, 2017

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1390"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,089	0	18,876	0	29,512	0	40,178	0	50,936	0	61,695	0	72,430	0	83,167	0	93,929
1/4	58	1/4	8,314	1/4	19,101	1/4	29,730	1/4	40,402	1/4	51,160	1/4	61,919	1/4	72,653	1/4	83,391	1/4	94,153
1/2	77	1/2	8,539	1/2	19,325	1/2	29,949	1/2	40,626	1/2	51,384	1/2	62,143	1/2	72,875	1/2	83,615	1/2	94,377
3/4	96	3/4	8,764	3/4	19,550	3/4	30,167	3/4	40,850	3/4	51,608	3/4	62,367	3/4	73,098	3/4	83,840	3/4	94,601
1	114	1	8,988	1	19,775	1	30,385	1	41,074	1	51,833	1	62,591	1	73,321	1	84,064	1	94,826
1/4	170	1/4	9,213	1/4	19,999	1/4	30,604	1/4	41,298	1/4	52,057	1/4	62,815	1/4	73,544	1/4	84,288	1/4	95,050
1/2	227	1/2	9,438	1/2	20,224	1/2	30,822	1/2	41,522	1/2	52,281	1/2	63,039	1/2	73,767	1/2	84,512	1/2	95,274
3/4	283	3/4	9,662	3/4	20,449	3/4	31,040	3/4	41,746	3/4	52,505	3/4	63,263	3/4	73,989	3/4	84,736	3/4	95,498
2	339	2	9,887	2	20,674	2	31,259	2	41,971	2	52,729	2	63,488	2	74,212	2	84,961	2	95,722
1/4	433	1/4	10,112	1/4	20,898	1/4	31,477	1/4	42,195	1/4	52,953	1/4	63,712	1/4	74,435	1/4	85,185	1/4	95,947
1/2	526	1/2	10,337	1/2	21,123	1/2	31,695	1/2	42,419	1/2	53,177	1/2	63,936	1/2	74,658	1/2	85,409	1/2	96,171
3/4	620	3/4	10,561	3/4	21,348	3/4	31,914	3/4	42,643	3/4	53,402	3/4	64,160	3/4	74,881	3/4	85,633	3/4	96,395
3	713	3	10,786	3	21,572	3	32,132	3	42,867	3	53,626	3	64,384	3	75,103	3	85,857	3	96,619
1/4	844	1/4	11,011	1/4	21,797	1/4	32,350	1/4	43,091	1/4	53,850	1/4	64,608	1/4	75,326	1/4	86,082	1/4	96,844
1/2	976	1/2	11,236	1/2	22,022	1/2	32,569	1/2	43,315	1/2	54,074	1/2	64,832	1/2	75,549	1/2	86,306	1/2	97,068
3/4	1,107	3/4	11,460	3/4	22,247	3/4	32,787	3/4	43,540	3/4	54,298	3/4	65,057	3/4	75,772	3/4	86,530	3/4	97,292
4	1,238	4	11,685	4	22,471	4	33,005	4	43,764	4	54,522	4	65,281	4	75,994	4	86,754	4	97,516
1/4	1,406	1/4	11,910	1/4	22,696	1/4	33,229	1/4	43,988	1/4	54,746	1/4	65,505	1/4	76,218	1/4	86,979	1/4	97,740
1/2	1,575	1/2	12,134	1/2	22,921	1/2	33,453	1/2	44,212	1/2	54,970	1/2	65,729	1/2	76,441	1/2	87,203	1/2	97,965
3/4	1,743	3/4	12,359	3/4	23,146	3/4	33,678	3/4	44,436	3/4	55,195	3/4	65,953	3/4	76,665	3/4	87,427	3/4	98,189
5	1,912	5	12,584	5	23,370	5	33,902	5	44,660	5	55,419	5	66,177	5	76,888	5	87,651	5	98,413
1/4	2,117	1/4	12,809	1/4	23,595	1/4	34,126	1/4	44,884	1/4	55,643	1/4	66,401	1/4	77,113	1/4	87,875	1/4	98,637
1/2	2,322	1/2	13,033	1/2	23,820	1/2	34,350	1/2	45,109	1/2	55,867	1/2	66,626	1/2	77,337	1/2	88,100	1/2	98,861
3/4	2,528	3/4	13,258	3/4	24,044	3/4	34,574	3/4	45,333	3/4	56,091	3/4	66,850	3/4	77,561	3/4	88,324	3/4	99,086
6	2,733	6	13,483	6	24,269	6	34,798	6	45,557	6	56,315	6	67,074	6	77,785	6	88,548	6	99,310
1/4	2,953	1/4	13,707	1/4	24,488	1/4	35,022	1/4	45,781	1/4	56,539	1/4	67,297	1/4	78,010	1/4	88,772	1/4	99,534
1/2	3,174	1/2	13,932	1/2	24,707	1/2	35,247	1/2	46,005	1/2	56,764	1/2	67,521	1/2	78,234	1/2	88,996	1/2	99,758
3/4	3,394	3/4	14,157	3/4	24,925	3/4	35,471	3/4	46,229	3/4	56,988	3/4	67,744	3/4	78,458	3/4	89,221	3/4	99,982
7	3,614	7	14,382	7	25,144	7	35,695	7	46,453	7	57,212	7	67,968	7	78,682	7	89,445	7	100,207
1/4	3,836	1/4	14,606	1/4	25,363	1/4	35,919	1/4	46,677	1/4	57,436	1/4	68,192	1/4	78,907	1/4	89,669	1/4	100,431
1/2	4,059	1/2	14,831	1/2	25,581	1/2	36,143	1/2	46,902	1/2	57,660	1/2	68,415	1/2	79,131	1/2	89,893	1/2	100,655
3/4	4,281	3/4	15,056	3/4	25,800	3/4	36,367	3/4	47,126	3/4	57,884	3/4	68,639	3/4	79,355	3/4	90,117	3/4	100,879
8	4,503	8	15,280	8	26,019	8	36,591	8	47,350	8	58,108	8	68,862	8	79,579	8	90,342	8	101,103
1/4	4,726	1/4	15,505	1/4	26,237	1/4	36,815	1/4	47,574	1/4	58,333	1/4	69,086	1/4	79,803	1/4	90,566	1/4	101,328
1/2	4,950	1/2	15,730	1/2	26,455	1/2	37,040	1/2	47,798	1/2	58,557	1/2	69,309	1/2	80,028	1/2	90,790	1/2	101,552
3/4	5,173	3/4	15,955	3/4	26,674	3/4	37,264	3/4	48,022	3/4	58,781	3/4	69,533	3/4	80,252	3/4	91,014	3/4	101,776
9	5,396	9	16,179	9	26,892	9	37,488	9	48,246	9	59,005	9	69,756	9	80,476	9	91,238	9	102,000
1/4	5,620	1/4	16,404	1/4	27,110	1/4	37,712	1/4	48,471	1/4	59,229	1/4	69,979	1/4	80,700	1/4	91,463	1/4	102,224
1/2	5,844	1/2	16,629	1/2	27,329	1/2	37,936	1/2	48,695	1/2	59,453	1/2	70,202	1/2	80,925	1/2	91,687	1/2	102,449
3/4	6,069	3/4	16,853	3/4	27,547	3/4	38,160	3/4	48,919	3/4	59,677	3/4	70,425	3/4	81,149	3/4	91,911	3/4	102,673
10	6,293	10	17,078	10	27,765	10	38,384	10	49,143	10	59,901	10	70,648	10	81,373	10	92,135	10	102,897
1/4	6,517	1/4	17,303	1/4	27,984	1/4	38,609	1/4	49,367	1/4	60,126	1/4	70,870	1/4	81,597	1/4	92,359	1/4	103,121
1/2	6,742	1/2	17,528	1/2	28,202	1/2	38,833	1/2	49,591	1/2	60,350	1/2	71,093	1/2	81,822	1/2	92,584	1/2	103,345
3/4	6,966	3/4	17,752	3/4	28,420	3/4	39,057	3/4	49,815	3/4	60,574	3/4	71,316	3/4	82,046	3/4	92,808	3/4	103,570
11	7,191	11	17,977	11	28,639	11	39,281	11	50,039	11	60,798	11	71,539	11	82,270	11	93,032	11	103,794
1/4	7,415	1/4	18,202	1/4	28,857	1/4	39,505	1/4	50,264	1/4	61,022	1/4	71,761	1/4	82,494	1/4	93,256	1/4	104,018
1/2	7,640	1/2	18,426	1/2	29,075	1/2	39,729	1/2	50,488	1/2	61,246	1/2	71,984	1/2	82,719	1/2	93,480	1/2	104,242
3/4	7,865	3/4	18,651	3/4	29,294	3/4	39,953	3/4	50,712	3/4	61,470	3/4	72,207	3/4	82,943	3/4	93,705	3/4	104,466

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "CBC 1390"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,691	0	114,789	0	124,247	0	133,663	0	143,062	0		0		0		0		0	
1/4	104,915	1/4	114,986	1/4	124,443	1/4	133,859	1/4	143,256	1/4		1/4		1/4		1/4		1/4	
1/2	105,139	1/2	115,183	1/2	124,640	1/2	134,056	1/2	143,451	1/2		1/2		1/2		1/2		1/2	
3/4	105,363	3/4	115,380	3/4	124,836	3/4	134,252	3/4	143,645	3/4		3/4		3/4		3/4		3/4	
1	105,587	1	115,577	1	125,033	1	134,449	1	143,840	1		1		1		1		1	
1/4	105,810	1/4	115,774	1/4	125,230	1/4	134,645	1/4	144,034	1/4		1/4		1/4		1/4		1/4	
1/2	106,034	1/2	115,971	1/2	125,426	1/2	134,842	1/2	144,229	1/2		1/2		1/2		1/2		1/2	
3/4	106,258	3/4	116,169	3/4	125,623	3/4	135,038	3/4	144,423	3/4		3/4		3/4		3/4		3/4	
2	106,482	2	116,366	2	125,819	2	135,235	2	144,617	2		2		2		2		2	
1/4	106,706	1/4	116,563	1/4	126,016	1/4	135,431	1/4	144,821	1/4		1/4		1/4		1/4		1/4	
1/2	106,930	1/2	116,760	1/2	126,212	1/2	135,628	1/2	145,024	1/2		1/2		1/2		1/2		1/2	
3/4	107,154	3/4	116,957	3/4	126,409	3/4	135,824	3/4	145,228	3/4		3/4		3/4		3/4		3/4	
3	107,378	3	117,154	3	126,605	3	136,021	3	145,431	3		3		3		3		3	
1/4	107,602	1/4	117,351	1/4	126,802	1/4	136,217	1/4	145,597	1/4		1/4		1/4		1/4		1/4	
1/2	107,826	1/2	117,548	1/2	126,998	1/2	136,414	1/2	145,763	1/2		1/2		1/2		1/2		1/2	
3/4	108,050	3/4	117,745	3/4	127,195	3/4	136,610	3/4	145,928	3/4		3/4		3/4		3/4		3/4	
4	108,274	4	117,942	4	127,391	4	136,807	4	146,094	4		4		4		4		4	
1/4	108,498	1/4	118,139	1/4	127,588	1/4	137,003	1/4	146,223	1/4		1/4		1/4		1/4		1/4	
1/2	108,722	1/2	118,336	1/2	127,784	1/2	137,200	1/2	146,351	1/2		1/2		1/2		1/2		1/2	
3/4	108,946	3/4	118,533	3/4	127,981	3/4	137,396	3/4	146,480	3/4		3/4		3/4		3/4		3/4	
5	109,170	5	118,730	5	128,177	5	137,593	5	146,608	5		5		5		5		5	
1/4	109,394	1/4	118,927	1/4	128,374	1/4	137,789	1/4	146,699	1/4		1/4		1/4		1/4		1/4	
1/2	109,618	1/2	119,124	1/2	128,570	1/2	137,986	1/2	146,790	1/2		1/2		1/2		1/2		1/2	
3/4	109,842	3/4	119,321	3/4	128,767	3/4	138,182	3/4	146,881	3/4		3/4		3/4		3/4		3/4	
6	110,066	6	119,518	6	128,963	6	138,379	6	146,972	6		6		6		6		6	
1/4	110,262	1/4	119,715	1/4	129,159	1/4	138,575	1/4	147,026	1/4		1/4		1/4		1/4		1/4	
1/2	110,459	1/2	119,912	1/2	129,355	1/2	138,772	1/2	147,079	1/2		1/2		1/2		1/2		1/2	
3/4	110,656	3/4	120,109	3/4	129,551	3/4	138,968	3/4	147,133	3/4		3/4		3/4		3/4		3/4	
7	110,853	7	120,306	7	129,746	7	139,165	7	147,186	7		7		7		7		7	
1/4	111,050	1/4	120,503	1/4	129,942	1/4	139,361	1/4	147,202	1/4		1/4		1/4		1/4		1/4	
1/2	111,247	1/2	120,700	1/2	130,138	1/2	139,558	1/2	147,218	1/2		1/2		1/2		1/2		1/2	
3/4	111,443	3/4	120,897	3/4	130,334	3/4	139,754	3/4	=====	3/4		3/4		3/4		3/4		3/4	
8	111,640	8	121,094	8	130,530	8	139,951	8		8		8		8		8		8	
1/4	111,837	1/4	121,291	1/4	130,725	1/4	140,145	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,034	1/2	121,488	1/2	130,921	1/2	140,340	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,231	3/4	121,686	3/4	131,117	3/4	140,534	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,427	9	121,883	9	131,313	9	140,729	9		9		9		9		9		9	
1/4	112,624	1/4	122,080	1/4	131,509	1/4	140,923	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,821	1/2	122,277	1/2	131,705	1/2	141,118	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,018	3/4	122,474	3/4	131,900	3/4	141,312	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,215	10	122,671	10	132,096	10	141,506	10		10		10		10		10		10	
1/4	113,412	1/4	122,868	1/4	132,292	1/4	141,701	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,608	1/2	123,065	1/2	132,488	1/2	141,895	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,805	3/4	123,262	3/4	132,684	3/4	142,090	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,002	11	123,459	11	132,879	11	142,284	11		11		11		11		11		11	
1/4	114,199	1/4	123,656	1/4	133,075	1/4	142,479	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,396	1/2	123,853	1/2	133,271	1/2	142,673	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,592	3/4	124,050	3/4	133,467	3/4	142,868	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2017 CL
CALCULATED: 03/17/2017 CL
PRINTED: 03/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1390"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	39	0	9,058	0	21,142	0	33,078	0	45,015	0	57,099	0	69,183	0	81,267	0	93,352	0	105,433
1/4	60	1/4	9,310	1/4	21,393	1/4	33,323	1/4	45,267	1/4	57,351	1/4	69,435	1/4	81,519	1/4	93,603	1/4	105,685
1/2	81	1/2	9,561	1/2	21,645	1/2	33,567	1/2	45,519	1/2	57,603	1/2	69,687	1/2	81,771	1/2	93,855	1/2	105,937
3/4	102	3/4	9,813	3/4	21,897	3/4	33,811	3/4	45,771	3/4	57,855	3/4	69,939	3/4	82,023	3/4	94,107	3/4	106,189
1	123	1	10,065	1	22,149	1	34,056	1	46,022	1	58,106	1	70,190	1	82,274	1	94,358	1	106,440
1/4	186	1/4	10,317	1/4	22,400	1/4	34,300	1/4	46,274	1/4	58,358	1/4	70,442	1/4	82,526	1/4	94,610	1/4	106,692
1/2	249	1/2	10,568	1/2	22,652	1/2	34,544	1/2	46,526	1/2	58,610	1/2	70,694	1/2	82,778	1/2	94,862	1/2	106,944
3/4	312	3/4	10,820	3/4	22,904	3/4	34,789	3/4	46,778	3/4	58,862	3/4	70,946	3/4	83,030	3/4	95,113	3/4	107,195
2	375	2	11,072	2	23,156	2	35,033	2	47,029	2	59,113	2	71,197	2	83,281	2	95,365	2	107,447
1/4	480	1/4	11,324	1/4	23,407	1/4	35,277	1/4	47,281	1/4	59,365	1/4	71,449	1/4	83,533	1/4	95,617	1/4	107,699
1/2	585	1/2	11,575	1/2	23,659	1/2	35,522	1/2	47,533	1/2	59,617	1/2	71,701	1/2	83,785	1/2	95,869	1/2	107,951
3/4	690	3/4	11,827	3/4	23,911	3/4	35,766	3/4	47,785	3/4	59,869	3/4	71,953	3/4	84,037	3/4	96,120	3/4	108,202
3	794	3	12,079	3	24,162	3	36,010	3	48,036	3	60,120	3	72,204	3	84,288	3	96,372	3	108,454
1/4	941	1/4	12,331	1/4	24,414	1/4	36,255	1/4	48,288	1/4	60,372	1/4	72,456	1/4	84,540	1/4	96,624	1/4	108,706
1/2	1,088	1/2	12,582	1/2	24,666	1/2	36,499	1/2	48,540	1/2	60,624	1/2	72,708	1/2	84,792	1/2	96,875	1/2	108,957
3/4	1,235	3/4	12,834	3/4	24,918	3/4	36,743	3/4	48,792	3/4	60,876	3/4	72,960	3/4	85,044	3/4	97,127	3/4	109,209
4	1,382	4	13,086	4	25,169	4	36,988	4	49,043	4	61,127	4	73,211	4	85,295	4	97,379	4	109,461
1/4	1,571	1/4	13,338	1/4	25,421	1/4	37,232	1/4	49,295	1/4	61,379	1/4	73,463	1/4	85,547	1/4	97,631	1/4	109,712
1/2	1,759	1/2	13,589	1/2	25,673	1/2	37,477	1/2	49,547	1/2	61,631	1/2	73,715	1/2	85,799	1/2	97,882	1/2	109,964
3/4	1,948	3/4	13,841	3/4	25,925	3/4	37,722	3/4	49,799	3/4	61,883	3/4	73,967	3/4	86,051	3/4	98,134	3/4	110,216
5	2,137	5	14,093	5	26,176	5	37,966	5	50,050	5	62,134	5	74,218	5	86,302	5	98,386	5	110,468
1/4	2,367	1/4	14,345	1/4	26,428	1/4	38,218	1/4	50,302	1/4	62,386	1/4	74,470	1/4	86,554	1/4	98,637	1/4	110,719
1/2	2,597	1/2	14,596	1/2	26,680	1/2	38,470	1/2	50,554	1/2	62,638	1/2	74,722	1/2	86,806	1/2	98,889	1/2	110,971
3/4	2,827	3/4	14,848	3/4	26,932	3/4	38,722	3/4	50,806	3/4	62,890	3/4	74,974	3/4	87,058	3/4	99,141	3/4	111,223
6	3,057	6	15,100	6	27,183	6	38,973	6	51,057	6	63,141	6	75,225	6	87,309	6	99,392	6	111,474
1/4	3,304	1/4	15,352	1/4	27,435	1/4	39,225	1/4	51,309	1/4	63,393	1/4	75,477	1/4	87,561	1/4	99,644	1/4	111,726
1/2	3,551	1/2	15,603	1/2	27,687	1/2	39,477	1/2	51,561	1/2	63,645	1/2	75,729	1/2	87,813	1/2	99,896	1/2	111,978
3/4	3,798	3/4	15,855	3/4	27,939	3/4	39,729	3/4	51,813	3/4	63,897	3/4	75,981	3/4	88,065	3/4	100,148	3/4	112,230
7	4,044	7	16,107	7	28,190	7	39,980	7	52,064	7	64,148	7	76,232	7	88,316	7	100,399	7	112,481
1/4	4,293	1/4	16,358	1/4	28,435	1/4	40,232	1/4	52,316	1/4	64,400	1/4	76,484	1/4	88,568	1/4	100,651	1/4	112,733
1/2	4,542	1/2	16,610	1/2	28,680	1/2	40,484	1/2	52,568	1/2	64,652	1/2	76,736	1/2	88,820	1/2	100,903	1/2	112,985
3/4	4,791	3/4	16,862	3/4	28,924	3/4	40,736	3/4	52,820	3/4	64,904	3/4	76,988	3/4	89,072	3/4	101,154	3/4	113,236
8	5,040	8	17,114	8	29,169	8	40,987	8	53,071	8	65,155	8	77,239	8	89,323	8	101,406	8	113,488
1/4	5,290	1/4	17,365	1/4	29,413	1/4	41,239	1/4	53,323	1/4	65,407	1/4	77,491	1/4	89,575	1/4	101,658	1/4	113,740
1/2	5,540	1/2	17,617	1/2	29,658	1/2	41,491	1/2	53,575	1/2	65,659	1/2	77,743	1/2	89,827	1/2	101,910	1/2	113,992
3/4	5,791	3/4	17,869	3/4	29,902	3/4	41,743	3/4	53,827	3/4	65,911	3/4	77,995	3/4	90,079	3/4	102,161	3/4	114,243
9	6,041	9	18,121	9	30,146	9	41,994	9	54,078	9	66,162	9	78,246	9	90,330	9	102,413	9	114,495
1/4	6,292	1/4	18,372	1/4	30,391	1/4	42,246	1/4	54,330	1/4	66,414	1/4	78,498	1/4	90,582	1/4	102,665	1/4	114,747
1/2	6,543	1/2	18,624	1/2	30,635	1/2	42,498	1/2	54,582	1/2	66,666	1/2	78,750	1/2	90,834	1/2	102,916	1/2	114,998
3/4	6,794	3/4	18,876	3/4	30,879	3/4	42,750	3/4	54,834	3/4	66,918	3/4	79,002	3/4	91,086	3/4	103,168	3/4	115,250
10	7,045	10	19,128	10	31,124	10	43,001	10	55,085	10	67,169	10	79,253	10	91,337	10	103,420	10	115,502
1/4	7,297	1/4	19,379	1/4	31,368	1/4	43,253	1/4	55,337	1/4	67,421	1/4	79,505	1/4	91,589	1/4	103,672	1/4	115,753
1/2	7,548	1/2	19,631	1/2	31,612	1/2	43,505	1/2	55,589	1/2	67,673	1/2	79,757	1/2	91,841	1/2	103,923	1/2	116,005
3/4	7,800	3/4	19,883	3/4	31,857	3/4	43,757	3/4	55,841	3/4	67,925	3/4	80,009	3/4	92,093	3/4	104,175	3/4	116,257
11	8,051	11	20,135	11	32,101	11	44,008	11	56,092	11	68,176	11	80,260	11	92,345	11	104,427	11	116,509
1/4	8,303	1/4	20,386	1/4	32,345	1/4	44,260	1/4	56,344	1/4	68,428	1/4	80,512	1/4	92,596	1/4	104,678	1/4	116,760
1/2	8,555	1/2	20,638	1/2	32,590	1/2	44,512	1/2	56,596	1/2	68,680	1/2	80,764	1/2	92,848	1/2	104,930	1/2	117,012
3/4	8,806	3/4	20,890	3/4	32,834	3/4	44,764	3/4	56,848	3/4	68,932	3/4	81,016	3/4	93,100	3/4	105,182	3/4	117,264

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1390"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	117,515	0	129,597	0	141,679	0	153,694	0	165,672	0		0		0		0		0	
1/4	117,767	1/4	129,849	1/4	141,930	1/4	153,944	1/4	165,920	1/4		1/4		1/4		1/4		1/4	
1/2	118,019	1/2	130,101	1/2	142,180	1/2	154,195	1/2	166,168	1/2		1/2		1/2		1/2		1/2	
3/4	118,271	3/4	130,352	3/4	142,430	3/4	154,445	3/4	166,416	3/4		3/4		3/4		3/4		3/4	
1	118,522	1	130,604	1	142,681	1	154,695	1	166,664	1		1		1		1		1	
1/4	118,774	1/4	130,856	1/4	142,931	1/4	154,946	1/4	166,912	1/4		1/4		1/4		1/4		1/4	
1/2	119,026	1/2	131,108	1/2	143,181	1/2	155,196	1/2	167,160	1/2		1/2		1/2		1/2		1/2	
3/4	119,277	3/4	131,359	3/4	143,431	3/4	155,446	3/4	167,408	3/4		3/4		3/4		3/4		3/4	
2	119,529	2	131,611	2	143,682	2	155,697	2	167,656	2		2		2		2		2	
1/4	119,781	1/4	131,863	1/4	143,932	1/4	155,947	1/4	167,883	1/4		1/4		1/4		1/4		1/4	
1/2	120,032	1/2	132,114	1/2	144,182	1/2	156,197	1/2	168,110	1/2		1/2		1/2		1/2		1/2	
3/4	120,284	3/4	132,366	3/4	144,433	3/4	156,447	3/4	168,337	3/4		3/4		3/4		3/4		3/4	
3	120,536	3	132,618	3	144,683	3	156,698	3	168,564	3		3		3		3		3	
1/4	120,788	1/4	132,870	1/4	144,933	1/4	156,948	1/4	168,749	1/4		1/4		1/4		1/4		1/4	
1/2	121,039	1/2	133,121	1/2	145,184	1/2	157,198	1/2	168,934	1/2		1/2		1/2		1/2		1/2	
3/4	121,291	3/4	133,373	3/4	145,434	3/4	157,449	3/4	169,119	3/4		3/4		3/4		3/4		3/4	
4	121,543	4	133,625	4	145,684	4	157,699	4	169,304	4		4		4		4		4	
1/4	121,794	1/4	133,876	1/4	145,935	1/4	157,949	1/4	169,447	1/4		1/4		1/4		1/4		1/4	
1/2	122,046	1/2	134,128	1/2	146,185	1/2	158,200	1/2	169,590	1/2		1/2		1/2		1/2		1/2	
3/4	122,298	3/4	134,380	3/4	146,435	3/4	158,450	3/4	169,733	3/4		3/4		3/4		3/4		3/4	
5	122,550	5	134,632	5	146,685	5	158,700	5	169,877	5		5		5		5		5	
1/4	122,801	1/4	134,883	1/4	146,936	1/4	158,951	1/4	169,978	1/4		1/4		1/4		1/4		1/4	
1/2	123,053	1/2	135,135	1/2	147,186	1/2	159,201	1/2	170,079	1/2		1/2		1/2		1/2		1/2	
3/4	123,305	3/4	135,387	3/4	147,436	3/4	159,451	3/4	170,180	3/4		3/4		3/4		3/4		3/4	
6	123,556	6	135,638	6	147,687	6	159,701	6	170,281	6		6		6		6		6	
1/4	123,808	1/4	135,890	1/4	147,937	1/4	159,952	1/4	170,340	1/4		1/4		1/4		1/4		1/4	
1/2	124,060	1/2	136,142	1/2	148,187	1/2	160,202	1/2	170,399	1/2		1/2		1/2		1/2		1/2	
3/4	124,312	3/4	136,393	3/4	148,438	3/4	160,452	3/4	170,459	3/4		3/4		3/4		3/4		3/4	
7	124,563	7	136,645	7	148,688	7	160,703	7	170,518	7		7		7		7		7	
1/4	124,815	1/4	136,897	1/4	148,938	1/4	160,953	1/4	170,535	1/4		1/4		1/4		1/4		1/4	
1/2	125,067	1/2	137,149	1/2	149,189	1/2	161,203	1/2	170,552	1/2		1/2		1/2		1/2		1/2	
3/4	125,318	3/4	137,400	3/4	149,439	3/4	161,454	3/4	=====	3/4		3/4		3/4		3/4		3/4	
8	125,570	8	137,652	8	149,689	8	161,704	8		8		8		8		8		8	
1/4	125,822	1/4	137,904	1/4	149,939	1/4	161,952	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,073	1/2	138,155	1/2	150,190	1/2	162,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,325	3/4	138,407	3/4	150,440	3/4	162,448	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,577	9	138,659	9	150,690	9	162,696	9		9		9		9		9		9	
1/4	126,829	1/4	138,911	1/4	150,941	1/4	162,944	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,080	1/2	139,162	1/2	151,191	1/2	163,192	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,332	3/4	139,414	3/4	151,441	3/4	163,440	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,584	10	139,666	10	151,692	10	163,688	10		10		10		10		10		10	
1/4	127,835	1/4	139,917	1/4	151,942	1/4	163,936	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,087	1/2	140,169	1/2	152,192	1/2	164,184	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,339	3/4	140,421	3/4	152,443	3/4	164,432	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,591	11	140,672	11	152,693	11	164,680	11		11		11		11		11		11	
1/4	128,842	1/4	140,924	1/4	152,943	1/4	164,928	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,094	1/2	141,176	1/2	153,193	1/2	165,176	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,346	3/4	141,428	3/4	153,444	3/4	165,424	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2017 CL
CALCULATED: 03/17/2017 CL
PRINTED: 03/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1390"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	39	0	8,026	0	18,726	0	29,413	0	40,102	0	50,803	0	61,504	0	72,205	0	82,906	0	93,605
1/4	58	1/4	8,249	1/4	19,949	1/4	29,635	1/4	40,325	1/4	51,026	1/4	61,727	1/4	72,428	1/4	83,129	1/4	93,828
1/2	76	1/2	8,471	1/2	19,172	1/2	29,857	1/2	40,548	1/2	51,249	1/2	61,950	1/2	72,651	1/2	83,352	1/2	94,051
3/4	95	3/4	8,694	3/4	19,395	3/4	30,079	3/4	40,771	3/4	51,472	3/4	62,173	3/4	72,874	3/4	83,575	3/4	94,274
1	114	1	8,917	1	19,618	1	30,301	1	40,994	1	51,695	1	62,396	1	73,097	1	83,798	1	94,497
1/4	169	1/4	9,140	1/4	19,841	1/4	30,524	1/4	41,217	1/4	51,918	1/4	62,619	1/4	73,320	1/4	84,021	1/4	94,720
1/2	225	1/2	9,363	1/2	20,064	1/2	30,746	1/2	41,440	1/2	52,141	1/2	62,842	1/2	73,543	1/2	84,243	1/2	94,943
3/4	281	3/4	9,586	3/4	20,287	3/4	30,968	3/4	41,663	3/4	52,364	3/4	63,065	3/4	73,766	3/4	84,466	3/4	95,166
2	336	2	9,809	2	20,510	2	31,190	2	41,886	2	52,587	2	63,288	2	73,989	2	84,689	2	95,388
1/4	429	1/4	10,032	1/4	20,733	1/4	31,413	1/4	42,109	1/4	52,810	1/4	63,511	1/4	74,212	1/4	84,912	1/4	95,611
1/2	522	1/2	10,255	1/2	20,955	1/2	31,635	1/2	42,331	1/2	53,032	1/2	63,733	1/2	74,434	1/2	85,135	1/2	95,834
3/4	615	3/4	10,478	3/4	21,178	3/4	31,857	3/4	42,554	3/4	53,255	3/4	63,956	3/4	74,657	3/4	85,358	3/4	96,057
3	708	3	10,701	3	21,401	3	32,079	3	42,777	3	53,478	3	64,179	3	74,880	3	85,581	3	96,280
1/4	838	1/4	10,924	1/4	21,624	1/4	32,301	1/4	43,000	1/4	53,701	1/4	64,402	1/4	75,103	1/4	85,804	1/4	96,503
1/2	968	1/2	11,147	1/2	21,847	1/2	32,524	1/2	43,223	1/2	53,924	1/2	64,625	1/2	75,326	1/2	86,027	1/2	96,726
3/4	1,098	3/4	11,370	3/4	22,070	3/4	32,746	3/4	43,446	3/4	54,147	3/4	64,848	3/4	75,549	3/4	86,250	3/4	96,949
4	1,228	4	11,592	4	22,293	4	32,968	4	43,669	4	54,370	4	65,071	4	75,772	4	86,472	4	97,172
1/4	1,395	1/4	11,815	1/4	22,516	1/4	33,191	1/4	43,892	1/4	54,593	1/4	65,294	1/4	75,995	1/4	86,695	1/4	97,395
1/2	1,562	1/2	12,038	1/2	22,739	1/2	33,414	1/2	44,115	1/2	54,816	1/2	65,517	1/2	76,218	1/2	86,918	1/2	97,617
3/4	1,730	3/4	12,261	3/4	22,962	3/4	33,637	3/4	44,338	3/4	55,039	3/4	65,740	3/4	76,441	3/4	87,141	3/4	97,840
5	1,897	5	12,484	5	23,185	5	33,860	5	44,561	5	55,262	5	65,963	5	76,664	5	87,364	5	98,063
1/4	2,101	1/4	12,707	1/4	23,408	1/4	34,083	1/4	44,784	1/4	55,485	1/4	66,186	1/4	76,887	1/4	87,587	1/4	98,286
1/2	2,304	1/2	12,930	1/2	23,631	1/2	34,306	1/2	45,007	1/2	55,708	1/2	66,409	1/2	77,110	1/2	87,810	1/2	98,509
3/4	2,508	3/4	13,153	3/4	23,854	3/4	34,529	3/4	45,230	3/4	55,931	3/4	66,632	3/4	77,333	3/4	88,033	3/4	98,732
6	2,712	6	13,376	6	24,076	6	34,752	6	45,453	6	56,154	6	66,855	6	77,556	6	88,256	6	98,955
1/4	2,930	1/4	13,599	1/4	24,299	1/4	34,975	1/4	45,676	1/4	56,377	1/4	67,078	1/4	77,779	1/4	88,479	1/4	99,178
1/2	3,149	1/2	13,822	1/2	24,522	1/2	35,197	1/2	45,898	1/2	56,599	1/2	67,300	1/2	78,001	1/2	88,701	1/2	99,401
3/4	3,367	3/4	14,045	3/4	24,744	3/4	35,420	3/4	46,121	3/4	56,822	3/4	67,523	3/4	78,224	3/4	88,924	3/4	99,624
7	3,586	7	14,268	7	24,967	7	35,643	7	46,344	7	57,045	7	67,746	7	78,447	7	89,147	7	99,846
1/4	3,806	1/4	14,491	1/4	25,189	1/4	35,866	1/4	46,567	1/4	57,268	1/4	67,969	1/4	78,670	1/4	89,370	1/4	100,069
1/2	4,027	1/2	14,713	1/2	25,412	1/2	36,089	1/2	46,790	1/2	57,491	1/2	68,192	1/2	78,893	1/2	89,593	1/2	100,292
3/4	4,247	3/4	14,936	3/4	25,634	3/4	36,312	3/4	47,013	3/4	57,714	3/4	68,415	3/4	79,116	3/4	89,816	3/4	100,515
8	4,468	8	15,159	8	25,857	8	36,535	8	47,236	8	57,937	8	68,638	8	79,339	8	90,039	8	100,738
1/4	4,689	1/4	15,382	1/4	26,079	1/4	36,758	1/4	47,459	1/4	58,160	1/4	68,861	1/4	79,562	1/4	90,262	1/4	100,961
1/2	4,911	1/2	15,605	1/2	26,302	1/2	36,981	1/2	47,682	1/2	58,383	1/2	69,084	1/2	79,785	1/2	90,485	1/2	101,184
3/4	5,132	3/4	15,828	3/4	26,524	3/4	37,204	3/4	47,905	3/4	58,606	3/4	69,307	3/4	80,008	3/4	90,708	3/4	101,407
9	5,354	9	16,051	9	26,746	9	37,427	9	48,128	9	58,829	9	69,530	9	80,231	9	90,930	9	101,630
1/4	5,576	1/4	16,274	1/4	26,968	1/4	37,650	1/4	48,351	1/4	59,052	1/4	69,753	1/4	80,454	1/4	91,153	1/4	101,853
1/2	5,798	1/2	16,497	1/2	27,190	1/2	37,873	1/2	48,574	1/2	59,275	1/2	69,976	1/2	80,677	1/2	91,376	1/2	102,075
3/4	6,021	3/4	16,720	3/4	27,413	3/4	38,096	3/4	48,797	3/4	59,498	3/4	70,199	3/4	80,900	3/4	91,599	3/4	102,298
10	6,243	10	16,943	10	27,635	10	38,319	10	49,020	10	59,721	10	70,422	10	81,123	10	91,822	10	102,521
1/4	6,466	1/4	17,166	1/4	27,857	1/4	38,542	1/4	49,243	1/4	59,944	1/4	70,645	1/4	81,345	1/4	92,045	1/4	102,744
1/2	6,689	1/2	17,389	1/2	28,079	1/2	38,764	1/2	49,465	1/2	60,166	1/2	70,867	1/2	81,568	1/2	92,268	1/2	102,967
3/4	6,911	3/4	17,612	3/4	28,301	3/4	38,987	3/4	49,688	3/4	60,389	3/4	71,090	3/4	81,791	3/4	92,491	3/4	103,190
11	7,134	11	17,834	11	28,524	11	39,210	11	49,911	11	60,612	11	71,313	11	82,014	11	92,714	11	103,413
1/4	7,357	1/4	18,057	1/4	28,746	1/4	39,433	1/4	50,134	1/4	60,835	1/4	71,536	1/4	82,237	1/4	92,937	1/4	103,636
1/2	7,580	1/2	18,280	1/2	28,968	1/2	39,656	1/2	50,357	1/2	61,058	1/2	71,759	1/2	82,460	1/2	93,159	1/2	103,859
3/4	7,803	3/4	18,503	3/4	29,190	3/4	39,879	3/4	50,580	3/4	61,281	3/4	71,982	3/4	82,683	3/4	93,382	3/4	104,082

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1390"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	104,304	0	115,004	0	125,703	0	136,343	0	146,951	0		0		0		0		0	
1/4	104,527	1/4	115,226	1/4	125,924	1/4	136,565	1/4	147,171	1/4		1/4		1/4		1/4		1/4	
1/2	104,750	1/2	115,449	1/2	126,146	1/2	136,787	1/2	147,390	1/2		1/2		1/2		1/2		1/2	
3/4	104,973	3/4	115,672	3/4	126,368	3/4	137,008	3/4	147,610	3/4		3/4		3/4		3/4		3/4	
1	105,196	1	115,895	1	126,589	1	137,230	1	147,830	1		1		1		1		1	
1/4	105,419	1/4	116,118	1/4	126,811	1/4	137,452	1/4	148,049	1/4		1/4		1/4		1/4		1/4	
1/2	105,642	1/2	116,341	1/2	127,033	1/2	137,673	1/2	148,269	1/2		1/2		1/2		1/2		1/2	
3/4	105,865	3/4	116,564	3/4	127,255	3/4	137,895	3/4	148,488	3/4		3/4		3/4		3/4		3/4	
2	106,088	2	116,787	2	127,476	2	138,117	2	148,708	2		2		2		2		2	
1/4	106,311	1/4	117,010	1/4	127,698	1/4	138,338	1/4	148,909	1/4		1/4		1/4		1/4		1/4	
1/2	106,533	1/2	117,233	1/2	127,920	1/2	138,560	1/2	149,110	1/2		1/2		1/2		1/2		1/2	
3/4	106,756	3/4	117,455	3/4	128,141	3/4	138,782	3/4	149,311	3/4		3/4		3/4		3/4		3/4	
3	106,979	3	117,678	3	128,363	3	139,003	3	149,512	3		3		3		3		3	
1/4	107,202	1/4	117,901	1/4	128,585	1/4	139,225	1/4	149,676	1/4		1/4		1/4		1/4		1/4	
1/2	107,425	1/2	118,124	1/2	128,806	1/2	139,447	1/2	149,840	1/2		1/2		1/2		1/2		1/2	
3/4	107,648	3/4	118,347	3/4	129,028	3/4	139,668	3/4	150,004	3/4		3/4		3/4		3/4		3/4	
4	107,871	4	118,570	4	129,250	4	139,890	4	150,168	4		4		4		4		4	
1/4	108,094	1/4	118,793	1/4	129,471	1/4	140,112	1/4	150,295	1/4		1/4		1/4		1/4		1/4	
1/2	108,317	1/2	119,016	1/2	129,693	1/2	140,333	1/2	150,421	1/2		1/2		1/2		1/2		1/2	
3/4	108,540	3/4	119,239	3/4	129,915	3/4	140,555	3/4	150,548	3/4		3/4		3/4		3/4		3/4	
5	108,762	5	119,462	5	130,136	5	140,777	5	150,675	5		5		5		5		5	
1/4	108,985	1/4	119,684	1/4	130,358	1/4	140,998	1/4	150,764	1/4		1/4		1/4		1/4		1/4	
1/2	109,208	1/2	119,907	1/2	130,580	1/2	141,220	1/2	150,854	1/2		1/2		1/2		1/2		1/2	
3/4	109,431	3/4	120,130	3/4	130,801	3/4	141,442	3/4	150,944	3/4		3/4		3/4		3/4		3/4	
6	109,654	6	120,353	6	131,023	6	141,664	6	151,033	6		6		6		6		6	
1/4	109,877	1/4	120,576	1/4	131,245	1/4	141,885	1/4	151,086	1/4		1/4		1/4		1/4		1/4	
1/2	110,100	1/2	120,799	1/2	131,466	1/2	142,107	1/2	151,138	1/2		1/2		1/2		1/2		1/2	
3/4	110,323	3/4	121,022	3/4	131,688	3/4	142,329	3/4	151,190	3/4		3/4		3/4		3/4		3/4	
7	110,546	7	121,245	7	131,910	7	142,550	7	151,243	7		7		7		7		7	
1/4	110,768	1/4	121,468	1/4	132,131	1/4	142,772	1/4	151,258	1/4		1/4		1/4		1/4		1/4	
1/2	110,991	1/2	121,691	1/2	132,353	1/2	142,994	1/2	151,273	1/2		1/2		1/2		1/2		1/2	
3/4	111,214	3/4	121,913	3/4	132,575	3/4	143,215	3/4	=====	3/4		3/4		3/4		3/4		3/4	
8	111,437	8	122,136	8	132,796	8	143,437	8		8		8		8		8		8	
1/4	111,660	1/4	122,359	1/4	133,018	1/4	143,657	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,883	1/2	122,582	1/2	133,240	1/2	143,876	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,106	3/4	122,805	3/4	133,461	3/4	144,096	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,329	9	123,028	9	133,683	9	144,315	9		9		9		9		9		9	
1/4	112,552	1/4	123,251	1/4	133,905	1/4	144,535	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,775	1/2	123,474	1/2	134,126	1/2	144,755	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,997	3/4	123,697	3/4	134,348	3/4	144,974	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,220	10	123,920	10	134,570	10	145,194	10		10		10		10		10		10	
1/4	113,443	1/4	124,142	1/4	134,792	1/4	145,414	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,666	1/2	124,365	1/2	135,013	1/2	145,633	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,889	3/4	124,588	3/4	135,235	3/4	145,853	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,112	11	124,811	11	135,457	11	146,072	11		11		11		11		11		11	
1/4	114,335	1/4	125,034	1/4	135,678	1/4	146,292	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,558	1/2	125,257	1/2	135,900	1/2	146,512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,781	3/4	125,480	3/4	136,122	3/4	146,731	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2017 CL
CALCULATED: 03/17/2017 CL
PRINTED: 03/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2017

PRECISION MEASUREMENT
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BARGE "CBC 1390"

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 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 CENTER	- 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	- 00-1/2	00-1/2
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

March 17, 2017

PRECISION MEASUREMENT
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BARGE "CBC 1390"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	139,951	0	130,530	0	121,094	0	111,640	0	101,103	0	90,342	0	79,579		
1/4	1/4	1/4	1/4	1/4	139,754	1/4	130,334	1/4	120,897	1/4	111,443	1/4	100,879	1/4	90,117	1/4	79,355		
1/2	1/2	1/2	1/2	1/2	147,218	1/2	139,558	1/2	130,138	1/2	120,700	1/2	111,247	1/2	100,655	1/2	89,893	1/2	79,131
3/4	3/4	3/4	3/4	3/4	147,202	3/4	139,361	3/4	129,942	3/4	120,503	3/4	111,050	3/4	100,431	3/4	89,669	3/4	78,907
1	1	1	1	1	147,186	1	139,165	1	129,746	1	120,306	1	110,853	1	100,207	1	89,445	1	78,682
1/4	1/4	1/4	1/4	1/4	147,133	1/4	138,968	1/4	129,551	1/4	120,109	1/4	110,656	1/4	99,982	1/4	89,221	1/4	78,458
1/2	1/2	1/2	1/2	1/2	147,079	1/2	138,772	1/2	129,355	1/2	119,912	1/2	110,459	1/2	99,758	1/2	88,996	1/2	78,234
3/4	3/4	3/4	3/4	3/4	147,026	3/4	138,575	3/4	129,159	3/4	119,715	3/4	110,262	3/4	99,534	3/4	88,772	3/4	78,010
2	2	2	2	2	146,972	2	138,379	2	128,963	2	119,518	2	110,066	2	99,310	2	88,548	2	77,785
1/4	1/4	1/4	1/4	1/4	146,881	1/4	138,182	1/4	128,767	1/4	119,321	1/4	109,842	1/4	99,086	1/4	88,324	1/4	77,561
1/2	1/2	1/2	1/2	1/2	146,790	1/2	137,986	1/2	128,570	1/2	119,124	1/2	109,618	1/2	98,861	1/2	88,100	1/2	77,337
3/4	3/4	3/4	3/4	3/4	146,699	3/4	137,789	3/4	128,374	3/4	118,927	3/4	109,394	3/4	98,637	3/4	87,875	3/4	77,113
3	3	3	3	3	146,608	3	137,593	3	128,177	3	118,730	3	109,170	3	98,413	3	87,651	3	76,888
1/4	1/4	1/4	1/4	1/4	146,480	1/4	137,396	1/4	127,981	1/4	118,533	1/4	108,946	1/4	98,189	1/4	87,427	1/4	76,665
1/2	1/2	1/2	1/2	1/2	146,351	1/2	137,200	1/2	127,784	1/2	118,336	1/2	108,722	1/2	97,965	1/2	87,203	1/2	76,441
3/4	3/4	3/4	3/4	3/4	146,223	3/4	137,003	3/4	127,588	3/4	118,139	3/4	108,498	3/4	97,740	3/4	86,979	3/4	76,218
4	4	4	4	4	146,094	4	136,807	4	127,391	4	117,942	4	108,274	4	97,516	4	86,754	4	75,994
1/4	1/4	1/4	1/4	1/4	145,928	1/4	136,610	1/4	127,195	1/4	117,745	1/4	108,050	1/4	97,292	1/4	86,530	1/4	75,772
1/2	1/2	1/2	1/2	1/2	145,763	1/2	136,414	1/2	126,998	1/2	117,548	1/2	107,826	1/2	97,068	1/2	86,306	1/2	75,549
3/4	3/4	3/4	3/4	3/4	145,597	3/4	136,217	3/4	126,802	3/4	117,351	3/4	107,602	3/4	96,844	3/4	86,082	3/4	75,326
5	5	5	5	5	145,431	5	136,021	5	126,605	5	117,154	5	107,378	5	96,619	5	85,857	5	75,103
1/4	1/4	1/4	1/4	1/4	145,228	1/4	135,824	1/4	126,409	1/4	116,957	1/4	107,154	1/4	96,395	1/4	85,633	1/4	74,881
1/2	1/2	1/2	1/2	1/2	145,024	1/2	135,628	1/2	126,212	1/2	116,760	1/2	106,930	1/2	96,171	1/2	85,409	1/2	74,658
3/4	3/4	3/4	3/4	3/4	144,821	3/4	135,431	3/4	126,016	3/4	116,563	3/4	106,706	3/4	95,947	3/4	85,185	3/4	74,435
6	6	6	6	6	144,617	6	135,235	6	125,819	6	116,366	6	106,482	6	95,722	6	84,961	6	74,212
1/4	1/4	1/4	1/4	1/4	144,423	1/4	135,038	1/4	125,623	1/4	116,169	1/4	106,258	1/4	95,498	1/4	84,736	1/4	73,989
1/2	1/2	1/2	1/2	1/2	144,229	1/2	134,842	1/2	125,426	1/2	115,971	1/2	106,034	1/2	95,274	1/2	84,512	1/2	73,767
3/4	3/4	3/4	3/4	3/4	144,034	3/4	134,645	3/4	125,230	3/4	115,774	3/4	105,810	3/4	95,050	3/4	84,288	3/4	73,544
7	7	7	7	7	143,840	7	134,449	7	125,033	7	115,577	7	105,587	7	94,826	7	84,064	7	73,321
1/4	1/4	1/4	1/4	1/4	143,645	1/4	134,252	1/4	124,836	1/4	115,380	1/4	105,363	1/4	94,601	1/4	83,840	1/4	73,098
1/2	1/2	1/2	1/2	1/2	143,451	1/2	134,056	1/2	124,640	1/2	115,183	1/2	105,139	1/2	94,377	1/2	83,615	1/2	72,875
3/4	3/4	3/4	3/4	3/4	143,256	3/4	133,859	3/4	124,443	3/4	114,986	3/4	104,915	3/4	94,153	3/4	83,391	3/4	72,653
8	8	8	8	8	143,062	8	133,663	8	124,247	8	114,789	8	104,691	8	93,929	8	83,167	8	72,430
1/4	1/4	1/4	1/4	1/4	142,868	1/4	133,467	1/4	124,050	1/4	114,592	1/4	104,466	1/4	93,705	1/4	82,943	1/4	72,207
1/2	1/2	1/2	1/2	1/2	142,673	1/2	133,271	1/2	123,853	1/2	114,396	1/2	104,242	1/2	93,480	1/2	82,719	1/2	71,984
3/4	3/4	3/4	3/4	3/4	142,479	3/4	133,075	3/4	123,656	3/4	114,199	3/4	104,018	3/4	93,256	3/4	82,494	3/4	71,761
9	9	9	9	9	142,284	9	132,879	9	123,459	9	114,002	9	103,794	9	93,032	9	82,270	9	71,539
1/4	1/4	1/4	1/4	1/4	142,090	1/4	132,684	1/4	123,262	1/4	113,805	1/4	103,570	1/4	92,808	1/4	82,046	1/4	71,316
1/2	1/2	1/2	1/2	1/2	141,895	1/2	132,488	1/2	123,065	1/2	113,608	1/2	103,345	1/2	92,584	1/2	81,822	1/2	71,093
3/4	3/4	3/4	3/4	3/4	141,701	3/4	132,292	3/4	122,868	3/4	113,412	3/4	103,121	3/4	92,359	3/4	81,597	3/4	70,870
10	10	10	10	10	141,506	10	132,096	10	122,671	10	113,215	10	102,897	10	92,135	10	81,373	10	70,648
1/4	1/4	1/4	1/4	1/4	141,312	1/4	131,900	1/4	122,474	1/4	113,018	1/4	102,673	1/4	91,911	1/4	81,149	1/4	70,425
1/2	1/2	1/2	1/2	1/2	141,118	1/2	131,705	1/2	122,277	1/2	112,821	1/2	102,449	1/2	91,687	1/2	80,925	1/2	70,202
3/4	3/4	3/4	3/4	3/4	140,923	3/4	131,509	3/4	122,080	3/4	112,624	3/4	102,224	3/4	91,463	3/4	80,700	3/4	69,979
11	11	11	11	11	140,729	11	131,313	11	121,883	11	112,427	11	102,000	11	91,238	11	80,476	11	69,756
1/4	1/4	1/4	1/4	1/4	140,534	1/4	131,117	1/4	121,686	1/4	112,231	1/4	101,776	1/4	91,014	1/4	80,252	1/4	69,533
1/2	1/2	1/2	1/2	1/2	140,340	1/2	130,921	1/2	121,488	1/2	112,034	1/2	101,552	1/2	90,790	1/2	80,028	1/2	69,309
3/4	3/4	3/4	3/4	3/4	140,145	3/4	130,725	3/4	121,291	3/4	111,837	3/4	101,328	3/4	90,566	3/4	79,803	3/4	69,086

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1390"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,862	0	58,108	0	47,350	0	36,591	0	26,019	0	15,280	0	4,503	0		0			
1/4	68,639	1/4	57,884	1/4	47,126	1/4	36,367	1/4	25,800	1/4	15,056	1/4	4,281	1/4		1/4			1/4
1/2	68,415	1/2	57,660	1/2	46,902	1/2	36,143	1/2	25,581	1/2	14,831	1/2	4,059	1/2		1/2			1/2
3/4	68,192	3/4	57,436	3/4	46,677	3/4	35,919	3/4	25,363	3/4	14,606	3/4	3,836	3/4		3/4			3/4
1	67,968	1	57,212	1	46,453	1	35,695	1	25,144	1	14,382	1	3,614	1		1			1
1/4	67,744	1/4	56,988	1/4	46,229	1/4	35,471	1/4	24,925	1/4	14,157	1/4	3,394	1/4		1/4			1/4
1/2	67,521	1/2	56,764	1/2	46,005	1/2	35,247	1/2	24,707	1/2	13,932	1/2	3,174	1/2		1/2			1/2
3/4	67,297	3/4	56,539	3/4	45,781	3/4	35,022	3/4	24,488	3/4	13,707	3/4	2,953	3/4		3/4			3/4
2	67,074	2	56,315	2	45,557	2	34,798	2	24,269	2	13,483	2	2,733	2		2			2
1/4	66,850	1/4	56,091	1/4	45,333	1/4	34,574	1/4	24,044	1/4	13,258	1/4	2,528	1/4		1/4			1/4
1/2	66,626	1/2	55,867	1/2	45,109	1/2	34,350	1/2	23,820	1/2	13,033	1/2	2,322	1/2		1/2			1/2
3/4	66,401	3/4	55,643	3/4	44,884	3/4	34,126	3/4	23,595	3/4	12,809	3/4	2,117	3/4		3/4			3/4
3	66,177	3	55,419	3	44,660	3	33,902	3	23,370	3	12,584	3	1,912	3		3			3
1/4	65,953	1/4	55,195	1/4	44,436	1/4	33,678	1/4	23,146	1/4	12,359	1/4	1,743	1/4		1/4			1/4
1/2	65,729	1/2	54,970	1/2	44,212	1/2	33,453	1/2	22,921	1/2	12,134	1/2	1,575	1/2		1/2			1/2
3/4	65,505	3/4	54,746	3/4	43,988	3/4	33,229	3/4	22,696	3/4	11,910	3/4	1,406	3/4		3/4			3/4
4	65,281	4	54,522	4	43,764	4	33,005	4	22,471	4	11,685	4	1,238	4		4			4
1/4	65,057	1/4	54,298	1/4	43,540	1/4	32,787	1/4	22,247	1/4	11,460	1/4	1,107	1/4		1/4			1/4
1/2	64,832	1/2	54,074	1/2	43,315	1/2	32,569	1/2	22,022	1/2	11,236	1/2	976	1/2		1/2			1/2
3/4	64,608	3/4	53,850	3/4	43,091	3/4	32,350	3/4	21,797	3/4	11,011	3/4	844	3/4		3/4			3/4
5	64,384	5	53,626	5	42,867	5	32,132	5	21,572	5	10,786	5	713	5		5			5
1/4	64,160	1/4	53,402	1/4	42,643	1/4	31,914	1/4	21,348	1/4	10,561	1/4	620	1/4		1/4			1/4
1/2	63,936	1/2	53,177	1/2	42,419	1/2	31,695	1/2	21,123	1/2	10,337	1/2	526	1/2		1/2			1/2
3/4	63,712	3/4	52,953	3/4	42,195	3/4	31,477	3/4	20,898	3/4	10,112	3/4	433	3/4		3/4			3/4
6	63,488	6	52,729	6	41,971	6	31,259	6	20,674	6	9,887	6	339	6		6			6
1/4	63,263	1/4	52,505	1/4	41,746	1/4	31,040	1/4	20,449	1/4	9,662	1/4	283	1/4		1/4			1/4
1/2	63,039	1/2	52,281	1/2	41,522	1/2	30,822	1/2	20,224	1/2	9,438	1/2	227	1/2		1/2			1/2
3/4	62,815	3/4	52,057	3/4	41,298	3/4	30,604	3/4	19,999	3/4	9,213	3/4	170	3/4		3/4			3/4
7	62,591	7	51,833	7	41,074	7	30,385	7	19,775	7	8,988	7	114	7		7			7
1/4	62,367	1/4	51,608	1/4	40,850	1/4	30,167	1/4	19,550	1/4	8,764	1/4	96	1/4		1/4			1/4
1/2	62,143	1/2	51,384	1/2	40,626	1/2	29,949	1/2	19,325	1/2	8,539	1/2	77	1/2		1/2			1/2
3/4	61,919	3/4	51,160	3/4	40,402	3/4	29,730	3/4	19,101	3/4	8,314	3/4	58	3/4		3/4			3/4
8	61,695	8	50,936	8	40,178	8	29,512	8	18,876	8	8,089	8	39	8		8			8
1/4	61,470	1/4	50,712	1/4	39,953	1/4	29,294	1/4	18,651	1/4	7,865	1/4		1/4		1/4			1/4
1/2	61,246	1/2	50,488	1/2	39,729	1/2	29,075	1/2	18,426	1/2	7,640	1/2		1/2		1/2			1/2
3/4	61,022	3/4	50,264	3/4	39,505	3/4	28,857	3/4	18,202	3/4	7,415	3/4		3/4		3/4			3/4
9	60,798	9	50,039	9	39,281	9	28,639	9	17,977	9	7,191	9		9		9			9
1/4	60,574	1/4	49,815	1/4	39,057	1/4	28,420	1/4	17,752	1/4	6,966	1/4		1/4		1/4			1/4
1/2	60,350	1/2	49,591	1/2	38,833	1/2	28,202	1/2	17,528	1/2	6,742	1/2		1/2		1/2			1/2
3/4	60,126	3/4	49,367	3/4	38,609	3/4	27,984	3/4	17,303	3/4	6,517	3/4		3/4		3/4			3/4
10	59,901	10	49,143	10	38,384	10	27,765	10	17,078	10	6,293	10		10		10			10
1/4	59,677	1/4	48,919	1/4	38,160	1/4	27,547	1/4	16,853	1/4	6,069	1/4		1/4		1/4			1/4
1/2	59,453	1/2	48,695	1/2	37,936	1/2	27,329	1/2	16,629	1/2	5,844	1/2		1/2		1/2			1/2
3/4	59,229	3/4	48,471	3/4	37,712	3/4	27,110	3/4	16,404	3/4	5,620	3/4		3/4		3/4			3/4
11	59,005	11	48,246	11	37,488	11	26,892	11	16,179	11	5,396	11		11		11			11
1/4	58,781	1/4	48,022	1/4	37,264	1/4	26,674	1/4	15,955	1/4	5,173	1/4		1/4		1/4			1/4
1/2	58,557	1/2	47,798	1/2	37,040	1/2	26,455	1/2	15,730	1/2	4,950	1/2		1/2		1/2			1/2
3/4	58,333	3/4	47,574	3/4	36,815	3/4	26,237	3/4	15,505	3/4	4,726	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2017 CL
CALCULATED: 03/17/2017 CL
PRINTED: 03/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1390"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	170,552	0	161,203	0	149,189	0	137,149	0	125,067	0	112,985	0	100,903	0	88,820		
1/4	1/4	1/4	170,535	1/4	160,953	1/4	148,938	1/4	136,897	1/4	124,815	1/4	112,733	1/4	100,651	1/4	88,568		
1/2	1/2	1/2	170,518	1/2	160,703	1/2	148,688	1/2	136,645	1/2	124,563	1/2	112,481	1/2	100,399	1/2	88,316		
3/4	3/4	3/4	170,459	3/4	160,452	3/4	148,438	3/4	136,393	3/4	124,312	3/4	112,230	3/4	100,148	3/4	88,065		
1	1	1	170,399	1	160,202	1	148,187	1	136,142	1	124,060	1	111,978	1	99,896	1	87,813		
1/4	1/4	1/4	170,340	1/4	159,952	1/4	147,937	1/4	135,890	1/4	123,808	1/4	111,726	1/4	99,644	1/4	87,561		
1/2	1/2	1/2	170,281	1/2	159,701	1/2	147,687	1/2	135,638	1/2	123,556	1/2	111,474	1/2	99,392	1/2	87,309		
3/4	3/4	3/4	170,180	3/4	159,451	3/4	147,436	3/4	135,387	3/4	123,305	3/4	111,223	3/4	99,141	3/4	87,058		
2	2	2	170,079	2	159,201	2	147,186	2	135,135	2	123,053	2	110,971	2	98,889	2	86,806		
1/4	1/4	1/4	169,978	1/4	158,951	1/4	146,936	1/4	134,883	1/4	122,801	1/4	110,719	1/4	98,637	1/4	86,554		
1/2	1/2	1/2	169,877	1/2	158,700	1/2	146,685	1/2	134,632	1/2	122,550	1/2	110,468	1/2	98,386	1/2	86,302		
3/4	3/4	3/4	169,733	3/4	158,450	3/4	146,435	3/4	134,380	3/4	122,298	3/4	110,216	3/4	98,134	3/4	86,051		
3	3	3	169,590	3	158,200	3	146,185	3	134,128	3	122,046	3	109,964	3	97,882	3	85,799		
1/4	1/4	1/4	169,447	1/4	157,949	1/4	145,935	1/4	133,876	1/4	121,794	1/4	109,712	1/4	97,631	1/4	85,547		
1/2	1/2	1/2	169,304	1/2	157,699	1/2	145,684	1/2	133,625	1/2	121,543	1/2	109,461	1/2	97,379	1/2	85,295		
3/4	3/4	3/4	169,119	3/4	157,449	3/4	145,434	3/4	133,373	3/4	121,291	3/4	109,209	3/4	97,127	3/4	85,044		
4	4	4	168,934	4	157,198	4	145,184	4	133,121	4	121,039	4	108,957	4	96,875	4	84,792		
1/4	1/4	1/4	168,749	1/4	156,948	1/4	144,933	1/4	132,870	1/4	120,788	1/4	108,706	1/4	96,624	1/4	84,540		
1/2	1/2	1/2	168,564	1/2	156,698	1/2	144,683	1/2	132,618	1/2	120,536	1/2	108,454	1/2	96,372	1/2	84,288		
3/4	3/4	3/4	168,337	3/4	156,447	3/4	144,433	3/4	132,366	3/4	120,284	3/4	108,202	3/4	96,120	3/4	84,037		
5	5	5	168,110	5	156,197	5	144,182	5	132,114	5	120,032	5	107,951	5	95,869	5	83,785		
1/4	1/4	1/4	167,883	1/4	155,947	1/4	143,932	1/4	131,863	1/4	119,781	1/4	107,699	1/4	95,617	1/4	83,533		
1/2	1/2	1/2	167,656	1/2	155,697	1/2	143,682	1/2	131,611	1/2	119,529	1/2	107,447	1/2	95,365	1/2	83,281		
3/4	3/4	3/4	167,408	3/4	155,446	3/4	143,431	3/4	131,359	3/4	119,277	3/4	107,195	3/4	95,113	3/4	83,030		
6	6	6	167,160	6	155,196	6	143,181	6	131,108	6	119,026	6	106,944	6	94,862	6	82,778		
1/4	1/4	1/4	166,912	1/4	154,946	1/4	142,931	1/4	130,856	1/4	118,774	1/4	106,692	1/4	94,610	1/4	82,526		
1/2	1/2	1/2	166,664	1/2	154,695	1/2	142,681	1/2	130,604	1/2	118,522	1/2	106,440	1/2	94,358	1/2	82,274		
3/4	3/4	3/4	166,416	3/4	154,445	3/4	142,430	3/4	130,352	3/4	118,271	3/4	106,189	3/4	94,107	3/4	82,023		
7	7	7	166,168	7	154,195	7	142,180	7	130,101	7	118,019	7	105,937	7	93,855	7	81,771		
1/4	1/4	1/4	165,920	1/4	153,944	1/4	141,930	1/4	129,849	1/4	117,767	1/4	105,685	1/4	93,603	1/4	81,519		
1/2	1/2	1/2	165,672	1/2	153,694	1/2	141,679	1/2	129,597	1/2	117,515	1/2	105,433	1/2	93,352	1/2	81,267		
3/4	3/4	3/4	165,424	3/4	153,444	3/4	141,428	3/4	129,346	3/4	117,264	3/4	105,182	3/4	93,100	3/4	81,016		
8	8	8	165,176	8	153,193	8	141,176	8	129,094	8	117,012	8	104,930	8	92,848	8	80,764		
1/4	1/4	1/4	164,928	1/4	152,943	1/4	140,924	1/4	128,842	1/4	116,760	1/4	104,678	1/4	92,596	1/4	80,512		
1/2	1/2	1/2	164,680	1/2	152,693	1/2	140,672	1/2	128,591	1/2	116,509	1/2	104,427	1/2	92,345	1/2	80,260		
3/4	3/4	3/4	164,432	3/4	152,443	3/4	140,421	3/4	128,339	3/4	116,257	3/4	104,175	3/4	92,093	3/4	80,009		
9	9	9	164,184	9	152,192	9	140,169	9	128,087	9	116,005	9	103,923	9	91,841	9	79,757		
1/4	1/4	1/4	163,936	1/4	151,942	1/4	139,917	1/4	127,835	1/4	115,753	1/4	103,672	1/4	91,589	1/4	79,505		
1/2	1/2	1/2	163,688	1/2	151,692	1/2	139,666	1/2	127,584	1/2	115,502	1/2	103,420	1/2	91,337	1/2	79,253		
3/4	3/4	3/4	163,440	3/4	151,441	3/4	139,414	3/4	127,332	3/4	115,250	3/4	103,168	3/4	91,086	3/4	79,002		
10	10	10	163,192	10	151,191	10	139,162	10	127,080	10	114,998	10	102,916	10	90,834	10	78,750		
1/4	1/4	1/4	162,944	1/4	150,941	1/4	138,911	1/4	126,829	1/4	114,747	1/4	102,665	1/4	90,582	1/4	78,498		
1/2	1/2	1/2	162,696	1/2	150,690	1/2	138,659	1/2	126,577	1/2	114,495	1/2	102,413	1/2	90,330	1/2	78,246		
3/4	3/4	3/4	162,448	3/4	150,440	3/4	138,407	3/4	126,325	3/4	114,243	3/4	102,161	3/4	90,079	3/4	77,995		
11	11	11	162,200	11	150,190	11	138,155	11	126,073	11	113,992	11	101,910	11	89,827	11	77,743		
1/4	1/4	1/4	161,952	1/4	149,939	1/4	137,904	1/4	125,822	1/4	113,740	1/4	101,658	1/4	89,575	1/4	77,491		
1/2	1/2	1/2	161,704	1/2	149,689	1/2	137,652	1/2	125,570	1/2	113,488	1/2	101,406	1/2	89,323	1/2	77,239		
3/4	3/4	3/4	161,454	3/4	149,439	3/4	137,400	3/4	125,318	3/4	113,236	3/4	101,154	3/4	89,072	3/4	76,988		

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1390"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	76,736	0	64,652	0	52,568	0	40,484	0	28,680	0	16,610	0	4,542	0		0			
1/4	76,484	1/4	64,400	1/4	52,316	1/4	40,232	1/4	28,435	1/4	16,358	1/4	4,293	1/4		1/4			1/4
1/2	76,232	1/2	64,148	1/2	52,064	1/2	39,980	1/2	28,190	1/2	16,107	1/2	4,044	1/2		1/2			1/2
3/4	75,981	3/4	63,897	3/4	51,813	3/4	39,729	3/4	27,939	3/4	15,855	3/4	3,798	3/4		3/4			3/4
1	75,729	1	63,645	1	51,561	1	39,477	1	27,687	1	15,603	1	3,551	1		1			1
1/4	75,477	1/4	63,393	1/4	51,309	1/4	39,225	1/4	27,435	1/4	15,352	1/4	3,304	1/4		1/4			1/4
1/2	75,225	1/2	63,141	1/2	51,057	1/2	38,973	1/2	27,183	1/2	15,100	1/2	3,057	1/2		1/2			1/2
3/4	74,974	3/4	62,890	3/4	50,806	3/4	38,722	3/4	26,932	3/4	14,848	3/4	2,827	3/4		3/4			3/4
2	74,722	2	62,638	2	50,554	2	38,470	2	26,680	2	14,596	2	2,597	2		2			2
1/4	74,470	1/4	62,386	1/4	50,302	1/4	38,218	1/4	26,428	1/4	14,345	1/4	2,367	1/4		1/4			1/4
1/2	74,218	1/2	62,134	1/2	50,050	1/2	37,966	1/2	26,176	1/2	14,093	1/2	2,137	1/2		1/2			1/2
3/4	73,967	3/4	61,883	3/4	49,799	3/4	37,722	3/4	25,925	3/4	13,841	3/4	1,948	3/4		3/4			3/4
3	73,715	3	61,631	3	49,547	3	37,477	3	25,673	3	13,589	3	1,759	3		3			3
1/4	73,463	1/4	61,379	1/4	49,295	1/4	37,232	1/4	25,421	1/4	13,338	1/4	1,571	1/4		1/4			1/4
1/2	73,211	1/2	61,127	1/2	49,043	1/2	36,988	1/2	25,169	1/2	13,086	1/2	1,382	1/2		1/2			1/2
3/4	72,960	3/4	60,876	3/4	48,792	3/4	36,743	3/4	24,918	3/4	12,834	3/4	1,235	3/4		3/4			3/4
4	72,708	4	60,624	4	48,540	4	36,499	4	24,666	4	12,582	4	1,088	4		4			4
1/4	72,456	1/4	60,372	1/4	48,288	1/4	36,255	1/4	24,414	1/4	12,331	1/4	941	1/4		1/4			1/4
1/2	72,204	1/2	60,120	1/2	48,036	1/2	36,010	1/2	24,162	1/2	12,079	1/2	794	1/2		1/2			1/2
3/4	71,953	3/4	59,869	3/4	47,785	3/4	35,766	3/4	23,911	3/4	11,827	3/4	690	3/4		3/4			3/4
5	71,701	5	59,617	5	47,533	5	35,522	5	23,659	5	11,575	5	585	5		5			5
1/4	71,449	1/4	59,365	1/4	47,281	1/4	35,277	1/4	23,407	1/4	11,324	1/4	480	1/4		1/4			1/4
1/2	71,197	1/2	59,113	1/2	47,029	1/2	35,033	1/2	23,156	1/2	11,072	1/2	375	1/2		1/2			1/2
3/4	70,946	3/4	58,862	3/4	46,778	3/4	34,789	3/4	22,904	3/4	10,820	3/4	312	3/4		3/4			3/4
6	70,694	6	58,610	6	46,526	6	34,544	6	22,652	6	10,568	6	249	6		6			6
1/4	70,442	1/4	58,358	1/4	46,274	1/4	34,300	1/4	22,400	1/4	10,317	1/4	186	1/4		1/4			1/4
1/2	70,190	1/2	58,106	1/2	46,022	1/2	34,056	1/2	22,149	1/2	10,065	1/2	123	1/2		1/2			1/2
3/4	69,939	3/4	57,855	3/4	45,771	3/4	33,811	3/4	21,897	3/4	9,813	3/4	102	3/4		3/4			3/4
7	69,687	7	57,603	7	45,519	7	33,567	7	21,645	7	9,561	7	81	7		7			7
1/4	69,435	1/4	57,351	1/4	45,267	1/4	33,323	1/4	21,393	1/4	9,310	1/4	60	1/4		1/4			1/4
1/2	69,183	1/2	57,099	1/2	45,015	1/2	33,078	1/2	21,142	1/2	9,058	1/2	39	1/2		1/2			1/2
3/4	68,932	3/4	56,848	3/4	44,764	3/4	32,834	3/4	20,890	3/4	8,806	3/4		3/4		3/4			3/4
8	68,680	8	56,596	8	44,512	8	32,590	8	20,638	8	8,555	8		8		8			8
1/4	68,428	1/4	56,344	1/4	44,260	1/4	32,345	1/4	20,386	1/4	8,303	1/4		1/4		1/4			1/4
1/2	68,176	1/2	56,092	1/2	44,008	1/2	32,101	1/2	20,135	1/2	8,051	1/2		1/2		1/2			1/2
3/4	67,925	3/4	55,841	3/4	43,757	3/4	31,857	3/4	19,883	3/4	7,800	3/4		3/4		3/4			3/4
9	67,673	9	55,589	9	43,505	9	31,612	9	19,631	9	7,548	9		9		9			9
1/4	67,421	1/4	55,337	1/4	43,253	1/4	31,368	1/4	19,379	1/4	7,297	1/4		1/4		1/4			1/4
1/2	67,169	1/2	55,085	1/2	43,001	1/2	31,124	1/2	19,128	1/2	7,045	1/2		1/2		1/2			1/2
3/4	66,918	3/4	54,834	3/4	42,750	3/4	30,879	3/4	18,876	3/4	6,794	3/4		3/4		3/4			3/4
10	66,666	10	54,582	10	42,498	10	30,635	10	18,624	10	6,543	10		10		10			10
1/4	66,414	1/4	54,330	1/4	42,246	1/4	30,391	1/4	18,372	1/4	6,292	1/4		1/4		1/4			1/4
1/2	66,162	1/2	54,078	1/2	41,994	1/2	30,146	1/2	18,121	1/2	6,041	1/2		1/2		1/2			1/2
3/4	65,911	3/4	53,827	3/4	41,743	3/4	29,902	3/4	17,869	3/4	5,791	3/4		3/4		3/4			3/4
11	65,659	11	53,575	11	41,491	11	29,658	11	17,617	11	5,540	11		11		11			11
1/4	65,407	1/4	53,323	1/4	41,239	1/4	29,413	1/4	17,365	1/4	5,290	1/4		1/4		1/4			1/4
1/2	65,155	1/2	53,071	1/2	40,987	1/2	29,169	1/2	17,114	1/2	5,040	1/2		1/2		1/2			1/2
3/4	64,904	3/4	52,820	3/4	40,736	3/4	28,924	3/4	16,862	3/4	4,791	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2017 CL
CALCULATED: 03/17/2017 CL
PRINTED: 03/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1390"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4		1/4		1/4	151,273	1/4	142,994	1/4	132,353	1/4	121,691	1/4	110,991	1/4	100,292	1/4	89,593	1/4	78,893
1/2		1/2		1/2	151,258	1/2	142,772	1/2	132,131	1/2	121,468	1/2	110,768	1/2	100,069	1/2	89,370	1/2	78,670
3/4		3/4		3/4	151,243	3/4	142,550	3/4	131,910	3/4	121,245	3/4	110,546	3/4	99,846	3/4	89,147	3/4	78,447
1	1	1	1	1	151,190	1	142,329	1	131,688	1	121,022	1	110,323	1	99,624	1	88,924	1	78,224
1/4		1/4		1/4	151,138	1/4	142,107	1/4	131,466	1/4	120,799	1/4	110,100	1/4	99,401	1/4	88,701	1/4	78,001
1/2		1/2		1/2	151,086	1/2	141,885	1/2	131,245	1/2	120,576	1/2	109,877	1/2	99,178	1/2	88,479	1/2	77,779
3/4		3/4		3/4	151,033	3/4	141,664	3/4	131,023	3/4	120,353	3/4	109,654	3/4	98,955	3/4	88,256	3/4	77,556
2	2	2	2	2	150,944	2	141,442	2	130,801	2	120,130	2	109,431	2	98,732	2	88,033	2	77,333
1/4		1/4		1/4	150,854	1/4	141,220	1/4	130,580	1/4	119,907	1/4	109,208	1/4	98,509	1/4	87,810	1/4	77,110
1/2		1/2		1/2	150,764	1/2	140,998	1/2	130,358	1/2	119,684	1/2	108,985	1/2	98,286	1/2	87,587	1/2	76,887
3/4		3/4		3/4	150,675	3/4	140,777	3/4	130,136	3/4	119,462	3/4	108,762	3/4	98,063	3/4	87,364	3/4	76,664
3	3	3	3	3	150,548	3	140,555	3	129,915	3	119,239	3	108,540	3	97,840	3	87,141	3	76,441
1/4		1/4		1/4	150,421	1/4	140,333	1/4	129,693	1/4	119,016	1/4	108,317	1/4	97,617	1/4	86,918	1/4	76,218
1/2		1/2		1/2	150,295	1/2	140,112	1/2	129,471	1/2	118,793	1/2	108,094	1/2	97,395	1/2	86,695	1/2	75,995
3/4		3/4		3/4	150,168	3/4	139,890	3/4	129,250	3/4	118,570	3/4	107,871	3/4	97,172	3/4	86,472	3/4	75,772
4	4	4	4	4	150,004	4	139,668	4	129,028	4	118,347	4	107,648	4	96,949	4	86,250	4	75,549
1/4		1/4		1/4	149,840	1/4	139,447	1/4	128,806	1/4	118,124	1/4	107,425	1/4	96,726	1/4	86,027	1/4	75,326
1/2		1/2		1/2	149,676	1/2	139,225	1/2	128,585	1/2	117,901	1/2	107,202	1/2	96,503	1/2	85,804	1/2	75,103
3/4		3/4		3/4	149,512	3/4	139,003	3/4	128,363	3/4	117,678	3/4	106,979	3/4	96,280	3/4	85,581	3/4	74,880
5	5	5	5	5	149,311	5	138,782	5	128,141	5	117,455	5	106,756	5	96,057	5	85,358	5	74,657
1/4		1/4		1/4	149,110	1/4	138,560	1/4	127,920	1/4	117,233	1/4	106,533	1/4	95,834	1/4	85,135	1/4	74,434
1/2		1/2		1/2	148,909	1/2	138,338	1/2	127,698	1/2	117,010	1/2	106,311	1/2	95,611	1/2	84,912	1/2	74,212
3/4		3/4		3/4	148,708	3/4	138,117	3/4	127,476	3/4	116,787	3/4	106,088	3/4	95,388	3/4	84,689	3/4	73,989
6	6	6	6	6	148,488	6	137,895	6	127,255	6	116,564	6	105,865	6	95,166	6	84,466	6	73,766
1/4		1/4		1/4	148,269	1/4	137,673	1/4	127,033	1/4	116,341	1/4	105,642	1/4	94,943	1/4	84,243	1/4	73,543
1/2		1/2		1/2	148,049	1/2	137,452	1/2	126,811	1/2	116,118	1/2	105,419	1/2	94,720	1/2	84,021	1/2	73,320
3/4		3/4		3/4	147,830	3/4	137,230	3/4	126,589	3/4	115,895	3/4	105,196	3/4	94,497	3/4	83,798	3/4	73,097
7	7	7	7	7	147,610	7	137,008	7	126,368	7	115,672	7	104,973	7	94,274	7	83,575	7	72,874
1/4		1/4		1/4	147,390	1/4	136,787	1/4	126,146	1/4	115,449	1/4	104,750	1/4	94,051	1/4	83,352	1/4	72,651
1/2		1/2		1/2	147,171	1/2	136,565	1/2	125,924	1/2	115,226	1/2	104,527	1/2	93,828	1/2	83,129	1/2	72,428
3/4		3/4		3/4	146,951	3/4	136,343	3/4	125,703	3/4	115,004	3/4	104,304	3/4	93,605	3/4	82,906	3/4	72,205
8	8	8	8	8	146,731	8	136,122	8	125,480	8	114,781	8	104,082	8	93,382	8	82,683	8	71,982
1/4		1/4		1/4	146,512	1/4	135,900	1/4	125,257	1/4	114,558	1/4	103,859	1/4	93,159	1/4	82,460	1/4	71,759
1/2		1/2		1/2	146,292	1/2	135,678	1/2	125,034	1/2	114,335	1/2	103,636	1/2	92,937	1/2	82,237	1/2	71,536
3/4		3/4		3/4	146,072	3/4	135,457	3/4	124,811	3/4	114,112	3/4	103,413	3/4	92,714	3/4	82,014	3/4	71,313
9	9	9	9	9	145,853	9	135,235	9	124,588	9	113,889	9	103,190	9	92,491	9	81,791	9	71,090
1/4		1/4		1/4	145,633	1/4	135,013	1/4	124,365	1/4	113,666	1/4	102,967	1/4	92,268	1/4	81,568	1/4	70,867
1/2		1/2		1/2	145,414	1/2	134,792	1/2	124,142	1/2	113,443	1/2	102,744	1/2	92,045	1/2	81,345	1/2	70,645
3/4		3/4		3/4	145,194	3/4	134,570	3/4	123,920	3/4	113,220	3/4	102,521	3/4	91,822	3/4	81,123	3/4	70,422
10	10	10	10	10	144,974	10	134,348	10	123,697	10	112,997	10	102,298	10	91,599	10	80,900	10	70,199
1/4		1/4		1/4	144,755	1/4	134,126	1/4	123,474	1/4	112,775	1/4	102,075	1/4	91,376	1/4	80,677	1/4	69,976
1/2		1/2		1/2	144,535	1/2	133,905	1/2	123,251	1/2	112,552	1/2	101,853	1/2	91,153	1/2	80,454	1/2	69,753
3/4		3/4		3/4	144,315	3/4	133,683	3/4	123,028	3/4	112,329	3/4	101,630	3/4	90,930	3/4	80,231	3/4	69,530
11	11	11	11	11	144,096	11	133,461	11	122,805	11	112,106	11	101,407	11	90,708	11	80,008	11	69,307
1/4		1/4		1/4	143,876	1/4	133,240	1/4	122,582	1/4	111,883	1/4	101,184	1/4	90,485	1/4	79,785	1/4	69,084
1/2		1/2		1/2	143,657	1/2	133,018	1/2	122,359	1/2	111,660	1/2	100,961	1/2	90,262	1/2	79,562	1/2	68,861
3/4		3/4		3/4	143,437	3/4	132,796	3/4	122,136	3/4	111,437	3/4	100,738	3/4	90,039	3/4	79,339	3/4	68,638

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1390"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	68,415	0	57,714	0	47,013	0	36,312	0	25,634	0	14,936	0	4,247	0		0			
1/4	68,192	1/4	57,491	1/4	46,790	1/4	36,089	1/4	25,412	1/4	14,713	1/4	4,027	1/4		0		1/4	
1/2	67,969	1/2	57,268	1/2	46,567	1/2	35,866	1/2	25,189	1/2	14,491	1/2	3,806	1/2		1/2		1/2	
3/4	67,746	3/4	57,045	3/4	46,344	3/4	35,643	3/4	24,967	3/4	14,268	3/4	3,586	3/4		3/4		3/4	
1	67,523	1	56,822	1	46,121	1	35,420	1	24,744	1	14,045	1	3,367	1		1		1	
1/4	67,300	1/4	56,599	1/4	45,898	1/4	35,197	1/4	24,522	1/4	13,822	1/4	3,149	1/4		1/4		1/4	
1/2	67,078	1/2	56,377	1/2	45,676	1/2	34,975	1/2	24,299	1/2	13,599	1/2	2,930	1/2		1/2		1/2	
3/4	66,855	3/4	56,154	3/4	45,453	3/4	34,752	3/4	24,076	3/4	13,376	3/4	2,712	3/4		3/4		3/4	
2	66,632	2	55,931	2	45,230	2	34,529	2	23,854	2	13,153	2	2,508	2		2		2	
1/4	66,409	1/4	55,708	1/4	45,007	1/4	34,306	1/4	23,631	1/4	12,930	1/4	2,304	1/4		1/4		1/4	
1/2	66,186	1/2	55,485	1/2	44,784	1/2	34,083	1/2	23,408	1/2	12,707	1/2	2,101	1/2		1/2		1/2	
3/4	65,963	3/4	55,262	3/4	44,561	3/4	33,860	3/4	23,185	3/4	12,484	3/4	1,897	3/4		3/4		3/4	
3	65,740	3	55,039	3	44,338	3	33,637	3	22,962	3	12,261	3	1,730	3		3		3	
1/4	65,517	1/4	54,816	1/4	44,115	1/4	33,414	1/4	22,739	1/4	12,038	1/4	1,562	1/4		1/4		1/4	
1/2	65,294	1/2	54,593	1/2	43,892	1/2	33,191	1/2	22,516	1/2	11,815	1/2	1,395	1/2		1/2		1/2	
3/4	65,071	3/4	54,370	3/4	43,669	3/4	32,968	3/4	22,293	3/4	11,592	3/4	1,228	3/4		3/4		3/4	
4	64,848	4	54,147	4	43,446	4	32,746	4	22,070	4	11,370	4	1,098	4		4		4	
1/4	64,625	1/4	53,924	1/4	43,223	1/4	32,524	1/4	21,847	1/4	11,147	1/4	968	1/4		1/4		1/4	
1/2	64,402	1/2	53,701	1/2	43,000	1/2	32,301	1/2	21,624	1/2	10,924	1/2	838	1/2		1/2		1/2	
3/4	64,179	3/4	53,478	3/4	42,777	3/4	32,079	3/4	21,401	3/4	10,701	3/4	708	3/4		3/4		3/4	
5	63,956	5	53,255	5	42,554	5	31,857	5	21,178	5	10,478	5	615	5		5		5	
1/4	63,733	1/4	53,032	1/4	42,331	1/4	31,635	1/4	20,955	1/4	10,255	1/4	522	1/4		1/4		1/4	
1/2	63,511	1/2	52,810	1/2	42,109	1/2	31,413	1/2	20,733	1/2	10,032	1/2	429	1/2		1/2		1/2	
3/4	63,288	3/4	52,587	3/4	41,886	3/4	31,190	3/4	20,510	3/4	9,809	3/4	336	3/4		3/4		3/4	
6	63,065	6	52,364	6	41,663	6	30,968	6	20,287	6	9,586	6	281	6		6		6	
1/4	62,842	1/4	52,141	1/4	41,440	1/4	30,746	1/4	20,064	1/4	9,363	1/4	225	1/4		1/4		1/4	
1/2	62,619	1/2	51,918	1/2	41,217	1/2	30,524	1/2	19,841	1/2	9,140	1/2	169	1/2		1/2		1/2	
3/4	62,396	3/4	51,695	3/4	40,994	3/4	30,301	3/4	19,618	3/4	8,917	3/4	114	3/4		3/4		3/4	
7	62,173	7	51,472	7	40,771	7	30,079	7	19,395	7	8,694	7	95	7		7		7	
1/4	61,950	1/4	51,249	1/4	40,548	1/4	29,857	1/4	19,172	1/4	8,471	1/4	76	1/4		1/4		1/4	
1/2	61,727	1/2	51,026	1/2	40,325	1/2	29,635	1/2	18,949	1/2	8,249	1/2	58	1/2		1/2		1/2	
3/4	61,504	3/4	50,803	3/4	40,102	3/4	29,413	3/4	18,726	3/4	8,026	3/4	39	3/4		3/4		3/4	
8	61,281	8	50,580	8	39,879	8	29,190	8	18,503	8	7,803	8		8		8		8	
1/4	61,058	1/4	50,357	1/4	39,656	1/4	28,968	1/4	18,280	1/4	7,580	1/4		1/4		1/4		1/4	
1/2	60,835	1/2	50,134	1/2	39,433	1/2	28,746	1/2	18,057	1/2	7,357	1/2		1/2		1/2		1/2	
3/4	60,612	3/4	49,911	3/4	39,210	3/4	28,524	3/4	17,834	3/4	7,134	3/4		3/4		3/4		3/4	
9	60,389	9	49,688	9	38,987	9	28,301	9	17,612	9	6,911	9		9		9		9	
1/4	60,166	1/4	49,465	1/4	38,764	1/4	28,079	1/4	17,389	1/4	6,689	1/4		1/4		1/4		1/4	
1/2	59,944	1/2	49,243	1/2	38,542	1/2	27,857	1/2	17,166	1/2	6,466	1/2		1/2		1/2		1/2	
3/4	59,721	3/4	49,020	3/4	38,319	3/4	27,635	3/4	16,943	3/4	6,243	3/4		3/4		3/4		3/4	
10	59,498	10	48,797	10	38,096	10	27,413	10	16,720	10	6,021	10		10		10		10	
1/4	59,275	1/4	48,574	1/4	37,873	1/4	27,190	1/4	16,497	1/4	5,798	1/4		1/4		1/4		1/4	
1/2	59,052	1/2	48,351	1/2	37,650	1/2	26,968	1/2	16,274	1/2	5,576	1/2		1/2		1/2		1/2	
3/4	58,829	3/4	48,128	3/4	37,427	3/4	26,746	3/4	16,051	3/4	5,354	3/4		3/4		3/4		3/4	
11	58,606	11	47,905	11	37,204	11	26,524	11	15,828	11	5,132	11		11		11		11	
1/4	58,383	1/4	47,682	1/4	36,981	1/4	26,302	1/4	15,605	1/4	4,911	1/4		1/4		1/4		1/4	
1/2	58,160	1/2	47,459	1/2	36,758	1/2	26,079	1/2	15,382	1/2	4,689	1/2		1/2		1/2		1/2	
3/4	57,937	3/4	47,236	3/4	36,535	3/4	25,857	3/4	15,159	3/4	4,468	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2017 CL
CALCULATED: 03/17/2017 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2017

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