



BARGE "CBC 1407"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
2 CENTER	- 00-1/4	00-1/4	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2	- 01-3/4	01-3/4
3 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	- 00-3/8	00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 178'-06"

November 16, 2018

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

<http://www.pmacorp.net>



BARGE "CBC 1407"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	39	0	8,715	0	20,340	0	31,782	0	43,264	0	54,860	0	66,457	0	78,031	0	89,606	0	101,208
1/4	60	1/4	8,957	1/4	20,582	1/4	32,016	1/4	43,505	1/4	55,102	1/4	66,699	1/4	78,271	1/4	89,848	1/4	101,449
1/2	80	1/2	9,200	1/2	20,824	1/2	32,250	1/2	43,747	1/2	55,344	1/2	66,940	1/2	78,511	1/2	90,090	1/2	101,691
3/4	100	3/4	9,442	3/4	21,067	3/4	32,485	3/4	43,988	3/4	55,585	3/4	67,182	3/4	78,752	3/4	90,331	3/4	101,933
1	120	1	9,684	1	21,309	1	32,719	1	44,230	1	55,827	1	67,424	1	78,992	1	90,573	1	102,174
1/4	181	1/4	9,926	1/4	21,551	1/4	32,954	1/4	44,472	1/4	56,068	1/4	67,665	1/4	79,232	1/4	90,815	1/4	102,416
1/2	241	1/2	10,168	1/2	21,793	1/2	33,188	1/2	44,713	1/2	56,310	1/2	67,907	1/2	79,472	1/2	91,056	1/2	102,658
3/4	302	3/4	10,411	3/4	22,035	3/4	33,423	3/4	44,955	3/4	56,552	3/4	68,148	3/4	79,713	3/4	91,298	3/4	102,899
2	362	2	10,653	2	22,278	2	33,657	2	45,196	2	56,793	2	68,390	2	79,953	2	91,540	2	103,141
1/4	463	1/4	10,895	1/4	22,520	1/4	33,891	1/4	45,438	1/4	57,035	1/4	68,632	1/4	80,193	1/4	91,781	1/4	103,383
1/2	564	1/2	11,137	1/2	22,762	1/2	34,126	1/2	45,680	1/2	57,276	1/2	68,873	1/2	80,433	1/2	92,023	1/2	103,624
3/4	665	3/4	11,379	3/4	23,004	3/4	34,360	3/4	45,921	3/4	57,518	3/4	69,115	3/4	80,674	3/4	92,265	3/4	103,866
3	766	3	11,621	3	23,246	3	34,595	3	46,163	3	57,760	3	69,356	3	80,914	3	92,507	3	104,108
1/4	907	1/4	11,864	1/4	23,488	1/4	34,829	1/4	46,404	1/4	58,001	1/4	69,598	1/4	81,154	1/4	92,748	1/4	104,350
1/2	1,048	1/2	12,106	1/2	23,731	1/2	35,064	1/2	46,646	1/2	58,243	1/2	69,840	1/2	81,394	1/2	92,990	1/2	104,591
3/4	1,190	3/4	12,348	3/4	23,973	3/4	35,298	3/4	46,888	3/4	58,484	3/4	70,081	3/4	81,635	3/4	93,232	3/4	104,833
4	1,331	4	12,590	4	24,215	4	35,532	4	47,129	4	58,726	4	70,323	4	81,875	4	93,473	4	105,075
1/4	1,512	1/4	12,832	1/4	24,457	1/4	35,774	1/4	47,371	1/4	58,968	1/4	70,564	1/4	82,116	1/4	93,715	1/4	105,316
1/2	1,694	1/2	13,075	1/2	24,699	1/2	36,016	1/2	47,612	1/2	59,209	1/2	70,806	1/2	82,357	1/2	93,957	1/2	105,558
3/4	1,876	3/4	13,317	3/4	24,942	3/4	36,257	3/4	47,854	3/4	59,451	3/4	71,048	3/4	82,598	3/4	94,198	3/4	105,800
5	2,057	5	13,559	5	25,184	5	36,499	5	48,096	5	59,692	5	71,289	5	82,839	5	94,440	5	106,041
1/4	2,279	1/4	13,801	1/4	25,426	1/4	36,740	1/4	48,337	1/4	59,934	1/4	71,531	1/4	83,080	1/4	94,682	1/4	106,283
1/2	2,500	1/2	14,043	1/2	25,668	1/2	36,982	1/2	48,579	1/2	60,176	1/2	71,772	1/2	83,322	1/2	94,923	1/2	106,525
3/4	2,721	3/4	14,285	3/4	25,910	3/4	37,224	3/4	48,820	3/4	60,417	3/4	72,014	3/4	83,564	3/4	95,165	3/4	106,767
6	2,943	6	14,528	6	26,152	6	37,465	6	49,062	6	60,659	6	72,256	6	83,805	6	95,407	6	107,008
1/4	3,180	1/4	14,770	1/4	26,387	1/4	37,707	1/4	49,304	1/4	60,900	1/4	72,497	1/4	84,047	1/4	95,649	1/4	107,250
1/2	3,417	1/2	15,012	1/2	26,622	1/2	37,948	1/2	49,545	1/2	61,142	1/2	72,738	1/2	84,289	1/2	95,890	1/2	107,492
3/4	3,655	3/4	15,254	3/4	26,857	3/4	38,190	3/4	49,787	3/4	61,384	3/4	72,979	3/4	84,530	3/4	96,132	3/4	107,733
7	3,892	7	15,496	7	27,092	7	38,432	7	50,028	7	61,625	7	73,220	7	84,772	7	96,374	7	107,975
1/4	4,132	1/4	15,739	1/4	27,327	1/4	38,673	1/4	50,270	1/4	61,867	1/4	73,461	1/4	85,014	1/4	96,615	1/4	108,217
1/2	4,371	1/2	15,981	1/2	27,561	1/2	38,915	1/2	50,512	1/2	62,108	1/2	73,702	1/2	85,256	1/2	96,857	1/2	108,458
3/4	4,610	3/4	16,223	3/4	27,796	3/4	39,156	3/4	50,753	3/4	62,350	3/4	73,943	3/4	85,497	3/4	97,099	3/4	108,700
8	4,850	8	16,465	8	28,031	8	39,398	8	50,995	8	62,592	8	74,184	8	85,739	8	97,340	8	108,942
1/4	5,091	1/4	16,707	1/4	28,265	1/4	39,640	1/4	51,236	1/4	62,833	1/4	74,425	1/4	85,981	1/4	97,582	1/4	109,183
1/2	5,331	1/2	16,950	1/2	28,500	1/2	39,881	1/2	51,478	1/2	63,075	1/2	74,666	1/2	86,222	1/2	97,824	1/2	109,425
3/4	5,572	3/4	17,192	3/4	28,734	3/4	40,123	3/4	51,720	3/4	63,316	3/4	74,907	3/4	86,464	3/4	98,066	3/4	109,667
9	5,813	9	17,434	9	28,969	9	40,364	9	51,961	9	63,558	9	75,148	9	86,706	9	98,307	9	109,909
1/4	6,054	1/4	17,676	1/4	29,203	1/4	40,606	1/4	52,203	1/4	63,800	1/4	75,388	1/4	86,948	1/4	98,549	1/4	110,150
1/2	6,296	1/2	17,918	1/2	29,437	1/2	40,848	1/2	52,444	1/2	64,041	1/2	75,628	1/2	87,189	1/2	98,791	1/2	110,392
3/4	6,537	3/4	18,160	3/4	29,672	3/4	41,089	3/4	52,686	3/4	64,283	3/4	75,869	3/4	87,431	3/4	99,032	3/4	110,634
10	6,779	10	18,403	10	29,906	10	41,331	10	52,928	10	64,524	10	76,109	10	87,673	10	99,274	10	110,875
1/4	7,021	1/4	18,645	1/4	30,141	1/4	41,572	1/4	53,169	1/4	64,766	1/4	76,349	1/4	87,914	1/4	99,516	1/4	111,117
1/2	7,263	1/2	18,887	1/2	30,375	1/2	41,814	1/2	53,411	1/2	65,008	1/2	76,589	1/2	88,156	1/2	99,757	1/2	111,359
3/4	7,505	3/4	19,129	3/4	30,610	3/4	42,056	3/4	53,652	3/4	65,249	3/4	76,830	3/4	88,398	3/4	99,999	3/4	111,600
11	7,747	11	19,371	11	30,844	11	42,297	11	53,894	11	65,491	11	77,070	11	88,639	11	100,241	11	111,842
1/4	7,989	1/4	19,614	1/4	31,078	1/4	42,539	1/4	54,136	1/4	65,732	1/4	77,310	1/4	88,881	1/4	100,482	1/4	112,084
1/2	8,231	1/2	19,856	1/2	31,313	1/2	42,780	1/2	54,377	1/2	65,974	1/2	77,550	1/2	89,123	1/2	100,724	1/2	112,325
3/4	8,473	3/4	20,098	3/4	31,547	3/4	43,022	3/4	54,619	3/4	66,216	3/4	77,791	3/4	89,365	3/4	100,966	3/4	112,567

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 24'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1407"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	112,809	0	122,357	0	130,487	0	138,618	0	146,749	0		0		0		0		0	
1/4	113,050	1/4	122,526	1/4	130,657	1/4	138,787	1/4	146,918	1/4		1/4		1/4		1/4		1/4	
1/2	113,291	1/2	122,695	1/2	130,826	1/2	138,957	1/2	147,087	1/2		1/2		1/2		1/2		1/2	
3/4	113,532	3/4	122,865	3/4	130,995	3/4	139,126	3/4	147,257	3/4		3/4		3/4		3/4		3/4	
1	113,773	1	123,034	1	131,165	1	139,296	1	147,426	1		1		1		1		1	
1/4	114,015	1/4	123,204	1/4	131,334	1/4	139,465	1/4	147,596	1/4		1/4		1/4		1/4		1/4	
1/2	114,256	1/2	123,373	1/2	131,504	1/2	139,634	1/2	147,765	1/2		1/2		1/2		1/2		1/2	
3/4	114,497	3/4	123,542	3/4	131,673	3/4	139,804	3/4	147,934	3/4		3/4		3/4		3/4		3/4	
2	114,738	2	123,712	2	131,842	2	139,973	2	148,104	2		2		2		2		2	
1/4	114,979	1/4	123,881	1/4	132,012	1/4	140,142	1/4	148,273	1/4		1/4		1/4		1/4		1/4	
1/2	115,220	1/2	124,050	1/2	132,181	1/2	140,312	1/2	148,443	1/2		1/2		1/2		1/2		1/2	
3/4	115,461	3/4	124,220	3/4	132,351	3/4	140,481	3/4	148,612	3/4		3/4		3/4		3/4		3/4	
3	115,702	3	124,389	3	132,520	3	140,651	3	148,781	3		3		3		3		3	
1/4	115,944	1/4	124,559	1/4	132,689	1/4	140,820	1/4	149,003	1/4		1/4		1/4		1/4		1/4	
1/2	116,185	1/2	124,728	1/2	132,859	1/2	140,989	1/2	149,225	1/2		1/2		1/2		1/2		1/2	
3/4	116,426	3/4	124,897	3/4	133,028	3/4	141,159	3/4	149,447	3/4		3/4		3/4		3/4		3/4	
4	116,667	4	125,067	4	133,198	4	141,328	4	149,669	4		4		4		4		4	
1/4	116,908	1/4	125,236	1/4	133,367	1/4	141,498	1/4	149,851	1/4		1/4		1/4		1/4		1/4	
1/2	117,149	1/2	125,406	1/2	133,536	1/2	141,667	1/2	150,033	1/2		1/2		1/2		1/2		1/2	
3/4	117,390	3/4	125,575	3/4	133,706	3/4	141,836	3/4	150,214	3/4		3/4		3/4		3/4		3/4	
5	117,632	5	125,744	5	133,875	5	142,006	5	150,396	5		5		5		5		5	
1/4	117,800	1/4	125,914	1/4	134,044	1/4	142,175	1/4	150,537	1/4		1/4		1/4		1/4		1/4	
1/2	117,968	1/2	126,083	1/2	134,214	1/2	142,345	1/2	150,679	1/2		1/2		1/2		1/2		1/2	
3/4	118,137	3/4	126,253	3/4	134,383	3/4	142,514	3/4	150,820	3/4		3/4		3/4		3/4		3/4	
6	118,305	6	126,422	6	134,553	6	142,683	6	150,961	6		6		6		6		6	
1/4	118,474	1/4	126,591	1/4	134,722	1/4	142,853	1/4	151,062	1/4		1/4		1/4		1/4		1/4	
1/2	118,643	1/2	126,761	1/2	134,891	1/2	143,022	1/2	151,163	1/2		1/2		1/2		1/2		1/2	
3/4	118,811	3/4	126,930	3/4	135,061	3/4	143,192	3/4	151,264	3/4		3/4		3/4		3/4		3/4	
7	118,980	7	127,099	7	135,230	7	143,361	7	151,365	7		7		7		7		7	
1/4	119,149	1/4	127,269	1/4	135,400	1/4	143,530	1/4	151,425	1/4		1/4		1/4		1/4		1/4	
1/2	119,318	1/2	127,438	1/2	135,569	1/2	143,700	1/2	151,486	1/2		1/2		1/2		1/2		1/2	
3/4	119,487	3/4	127,608	3/4	135,738	3/4	143,869	3/4	151,546	3/4		3/4		3/4		3/4		3/4	
8	119,655	8	127,777	8	135,908	8	144,038	8	151,607	8		8		8		8		8	
1/4	119,824	1/4	127,946	1/4	136,077	1/4	144,208	1/4	151,627	1/4		1/4		1/4		1/4		1/4	
1/2	119,993	1/2	128,116	1/2	136,247	1/2	144,377	1/2	151,647	1/2		1/2		1/2		1/2		1/2	
3/4	120,162	3/4	128,285	3/4	136,416	3/4	144,547	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,331	9	128,455	9	136,585	9	144,716	9		9		9		9		9		9	
1/4	120,500	1/4	128,624	1/4	136,755	1/4	144,885	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,668	1/2	128,793	1/2	136,924	1/2	145,055	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,837	3/4	128,963	3/4	137,093	3/4	145,224	3/4		3/4		3/4		3/4		3/4		3/4	
10	121,006	10	129,132	10	137,263	10	145,394	10		10		10		10		10		10	
1/4	121,175	1/4	129,302	1/4	137,432	1/4	145,563	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,344	1/2	129,471	1/2	137,602	1/2	145,732	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,512	3/4	129,640	3/4	137,771	3/4	145,902	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,681	11	129,810	11	137,940	11	146,071	11		11		11		11		11		11	
1/4	121,850	1/4	129,979	1/4	138,110	1/4	146,241	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,019	1/2	130,149	1/2	138,279	1/2	146,410	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,188	3/4	130,318	3/4	138,449	3/4	146,579	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2018 CL
CALCULATED: 11/16/2018 CL
PRINTED: 11/16/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "CBC 1407"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	39	0	10,068	0	23,504	0	36,777	0	50,051	0	63,488	0	76,924	0	90,361	0	103,798	0	117,234
1/4	63	1/4	10,348	1/4	23,784	1/4	37,049	1/4	50,331	1/4	63,768	1/4	77,204	1/4	90,641	1/4	104,078	1/4	117,514
1/2	86	1/2	10,627	1/2	24,064	1/2	37,321	1/2	50,611	1/2	64,048	1/2	77,484	1/2	90,921	1/2	104,358	1/2	117,794
3/4	109	3/4	10,907	3/4	24,344	3/4	37,592	3/4	50,891	3/4	64,327	3/4	77,764	3/4	91,201	3/4	104,638	3/4	118,074
1	133	1	11,187	1	24,624	1	37,864	1	51,171	1	64,607	1	78,044	1	91,481	1	104,917	1	118,354
1/4	203	1/4	11,467	1/4	24,903	1/4	38,136	1/4	51,451	1/4	64,887	1/4	78,324	1/4	91,761	1/4	105,197	1/4	118,634
1/2	273	1/2	11,747	1/2	25,183	1/2	38,408	1/2	51,731	1/2	65,167	1/2	78,604	1/2	92,041	1/2	105,477	1/2	118,914
3/4	343	3/4	12,027	3/4	25,463	3/4	38,679	3/4	52,011	3/4	65,447	3/4	78,884	3/4	92,321	3/4	105,757	3/4	119,194
2	413	2	12,307	2	25,743	2	38,951	2	52,290	2	65,727	2	79,164	2	92,601	2	106,037	2	119,474
1/4	529	1/4	12,587	1/4	26,023	1/4	39,223	1/4	52,570	1/4	66,007	1/4	79,444	1/4	92,880	1/4	106,317	1/4	119,754
1/2	646	1/2	12,867	1/2	26,303	1/2	39,494	1/2	52,850	1/2	66,287	1/2	79,724	1/2	93,160	1/2	106,597	1/2	120,034
3/4	762	3/4	13,147	3/4	26,583	3/4	39,766	3/4	53,130	3/4	66,567	3/4	80,004	3/4	93,440	3/4	106,877	3/4	120,314
3	879	3	13,427	3	26,863	3	40,038	3	53,410	3	66,847	3	80,284	3	93,720	3	107,157	3	120,594
1/4	1,042	1/4	13,707	1/4	27,143	1/4	40,310	1/4	53,690	1/4	67,127	1/4	80,563	1/4	94,000	1/4	107,437	1/4	120,874
1/2	1,206	1/2	13,986	1/2	27,423	1/2	40,581	1/2	53,970	1/2	67,407	1/2	80,843	1/2	94,280	1/2	107,717	1/2	121,153
3/4	1,369	3/4	14,266	3/4	27,703	3/4	40,853	3/4	54,250	3/4	67,687	3/4	81,123	3/4	94,560	3/4	107,997	3/4	121,433
4	1,532	4	14,546	4	27,983	4	41,125	4	54,530	4	67,967	4	81,403	4	94,840	4	108,277	4	121,713
1/4	1,742	1/4	14,826	1/4	28,263	1/4	41,397	1/4	54,810	1/4	68,247	1/4	81,683	1/4	95,120	1/4	108,557	1/4	121,993
1/2	1,952	1/2	15,106	1/2	28,542	1/2	41,669	1/2	55,090	1/2	68,526	1/2	81,963	1/2	95,400	1/2	108,837	1/2	122,273
3/4	2,162	3/4	15,386	3/4	28,822	3/4	41,941	3/4	55,370	3/4	68,806	3/4	82,243	3/4	95,680	3/4	109,116	3/4	122,553
5	2,372	5	15,666	5	29,102	5	42,213	5	55,650	5	69,086	5	82,523	5	95,960	5	109,396	5	122,833
1/4	2,628	1/4	15,946	1/4	29,382	1/4	42,493	1/4	55,930	1/4	69,366	1/4	82,803	1/4	96,240	1/4	109,676	1/4	123,113
1/2	2,884	1/2	16,226	1/2	29,662	1/2	42,773	1/2	56,209	1/2	69,646	1/2	83,083	1/2	96,520	1/2	109,956	1/2	123,393
3/4	3,140	3/4	16,506	3/4	29,942	3/4	43,053	3/4	56,489	3/4	69,926	3/4	83,363	3/4	96,799	3/4	110,236	3/4	123,673
6	3,395	6	16,786	6	30,222	6	43,333	6	56,769	6	70,206	6	83,643	6	97,079	6	110,516	6	123,953
1/4	3,670	1/4	17,066	1/4	30,502	1/4	43,613	1/4	57,049	1/4	70,486	1/4	83,923	1/4	97,359	1/4	110,796	1/4	124,233
1/2	3,944	1/2	17,346	1/2	30,782	1/2	43,893	1/2	57,329	1/2	70,766	1/2	84,203	1/2	97,639	1/2	111,076	1/2	124,513
3/4	4,218	3/4	17,625	3/4	31,062	3/4	44,172	3/4	57,609	3/4	71,046	3/4	84,483	3/4	97,919	3/4	111,356	3/4	124,793
7	4,493	7	17,905	7	31,342	7	44,452	7	57,889	7	71,326	7	84,762	7	98,199	7	111,636	7	125,073
1/4	4,770	1/4	18,185	1/4	31,614	1/4	44,732	1/4	58,169	1/4	71,606	1/4	85,042	1/4	98,479	1/4	111,916	1/4	125,352
1/2	5,046	1/2	18,465	1/2	31,886	1/2	45,012	1/2	58,449	1/2	71,886	1/2	85,322	1/2	98,759	1/2	112,196	1/2	125,632
3/4	5,323	3/4	18,745	3/4	32,158	3/4	45,292	3/4	58,729	3/4	72,166	3/4	85,602	3/4	99,039	3/4	112,476	3/4	125,912
8	5,600	8	19,025	8	32,430	8	45,572	8	59,009	8	72,445	8	85,882	8	99,319	8	112,756	8	126,192
1/4	5,878	1/4	19,305	1/4	32,702	1/4	45,852	1/4	59,289	1/4	72,725	1/4	86,162	1/4	99,599	1/4	113,035	1/4	126,472
1/2	6,156	1/2	19,585	1/2	32,973	1/2	46,132	1/2	59,569	1/2	73,005	1/2	86,442	1/2	99,879	1/2	113,315	1/2	126,752
3/4	6,435	3/4	19,865	3/4	33,245	3/4	46,412	3/4	59,849	3/4	73,285	3/4	86,722	3/4	100,159	3/4	113,595	3/4	127,032
9	6,713	9	20,145	9	33,517	9	46,692	9	60,129	9	73,565	9	87,002	9	100,439	9	113,875	9	127,312
1/4	6,992	1/4	20,425	1/4	33,788	1/4	46,972	1/4	60,408	1/4	73,845	1/4	87,282	1/4	100,719	1/4	114,155	1/4	127,592
1/2	7,271	1/2	20,705	1/2	34,060	1/2	47,252	1/2	60,688	1/2	74,125	1/2	87,562	1/2	100,998	1/2	114,435	1/2	127,872
3/4	7,550	3/4	20,985	3/4	34,332	3/4	47,532	3/4	60,968	3/4	74,405	3/4	87,842	3/4	101,278	3/4	114,715	3/4	128,152
10	7,829	10	21,264	10	34,604	10	47,812	10	61,248	10	74,685	10	88,122	10	101,558	10	114,995	10	128,432
1/4	8,109	1/4	21,544	1/4	34,875	1/4	48,091	1/4	61,528	1/4	74,965	1/4	88,402	1/4	101,838	1/4	115,275	1/4	128,712
1/2	8,389	1/2	21,824	1/2	35,147	1/2	48,371	1/2	61,808	1/2	75,245	1/2	88,681	1/2	102,118	1/2	115,555	1/2	128,992
3/4	8,668	3/4	22,104	3/4	35,419	3/4	48,651	3/4	62,088	3/4	75,525	3/4	88,961	3/4	102,398	3/4	115,835	3/4	129,271
11	8,948	11	22,384	11	35,690	11	48,931	11	62,368	11	75,805	11	89,241	11	102,678	11	116,115	11	129,551
1/4	9,228	1/4	22,664	1/4	35,962	1/4	49,211	1/4	62,648	1/4	76,085	1/4	89,521	1/4	102,958	1/4	116,395	1/4	129,831
1/2	9,508	1/2	22,944	1/2	36,234	1/2	49,491	1/2	62,928	1/2	76,365	1/2	89,801	1/2	103,238	1/2	116,675	1/2	130,111
3/4	9,788	3/4	23,224	3/4	36,506	3/4	49,771	3/4	63,208	3/4	76,644	3/4	90,081	3/4	103,518	3/4	116,955	3/4	130,391

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 37'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1407"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0								
1/4	130,951	1/4	144,388	1/4	157,824	1/4	171,261	1/4	184,698	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,231	1/2	144,668	1/2	158,104	1/2	171,541	1/2	184,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,511	3/4	144,948	3/4	158,384	3/4	171,821	3/4	185,258	3/4		3/4		3/4		3/4		3/4		3/4	
1	131,791	1	145,228	1	158,664	1	172,101	1	185,538	1											
1/4	132,071	1/4	145,507	1/4	158,944	1/4	172,381	1/4	185,818	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,351	1/2	145,787	1/2	159,224	1/2	172,661	1/2	186,097	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,631	3/4	146,067	3/4	159,504	3/4	172,941	3/4	186,377	3/4		3/4		3/4		3/4		3/4		3/4	
2	132,911	2	146,347	2	159,784	2	173,221	2	186,657	2											
1/4	133,191	1/4	146,627	1/4	160,064	1/4	173,501	1/4	186,937	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,470	1/2	146,907	1/2	160,344	1/2	173,781	1/2	187,217	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,750	3/4	147,187	3/4	160,624	3/4	174,060	3/4	187,497	3/4		3/4		3/4		3/4		3/4		3/4	
3	134,030	3	147,467	3	160,904	3	174,340	3	187,777	3											
1/4	134,310	1/4	147,747	1/4	161,184	1/4	174,620	1/4	188,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	134,590	1/2	148,027	1/2	161,464	1/2	174,900	1/2	188,290	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	134,870	3/4	148,307	3/4	161,743	3/4	175,180	3/4	188,547	3/4		3/4		3/4		3/4		3/4		3/4	
4	135,150	4	148,587	4	162,023	4	175,460	4	188,803	4											
1/4	135,430	1/4	148,867	1/4	162,303	1/4	175,740	1/4	189,013	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135,710	1/2	149,147	1/2	162,583	1/2	176,020	1/2	189,223	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	135,990	3/4	149,427	3/4	162,863	3/4	176,300	3/4	189,433	3/4		3/4		3/4		3/4		3/4		3/4	
5	136,270	5	149,706	5	163,143	5	176,580	5	189,643	5											
1/4	136,550	1/4	149,986	1/4	163,423	1/4	176,860	1/4	189,807	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136,830	1/2	150,266	1/2	163,703	1/2	177,140	1/2	189,970	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	137,110	3/4	150,546	3/4	163,983	3/4	177,420	3/4	190,133	3/4		3/4		3/4		3/4		3/4		3/4	
6	137,389	6	150,826	6	164,263	6	177,700	6	190,296	6											
1/4	137,669	1/4	151,106	1/4	164,543	1/4	177,979	1/4	190,413	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137,949	1/2	151,386	1/2	164,823	1/2	178,259	1/2	190,530	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	138,229	3/4	151,666	3/4	165,103	3/4	178,539	3/4	190,646	3/4		3/4		3/4		3/4		3/4		3/4	
7	138,509	7	151,946	7	165,383	7	178,819	7	190,763	7											
1/4	138,789	1/4	152,226	1/4	165,663	1/4	179,099	1/4	190,833	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	139,069	1/2	152,506	1/2	165,942	1/2	179,379	1/2	190,903	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139,349	3/4	152,786	3/4	166,222	3/4	179,659	3/4	190,973	3/4		3/4		3/4		3/4		3/4		3/4	
8	139,629	8	153,066	8	166,502	8	179,939	8	191,043	8											
1/4	139,909	1/4	153,346	1/4	166,782	1/4	180,219	1/4	191,066	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140,189	1/2	153,625	1/2	167,062	1/2	180,499	1/2	191,090	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140,469	3/4	153,905	3/4	167,342	3/4	180,779	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	140,749	9	154,185	9	167,622	9	181,059	9		9											
1/4	141,029	1/4	154,465	1/4	167,902	1/4	181,339	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,309	1/2	154,745	1/2	168,182	1/2	181,619	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,588	3/4	155,025	3/4	168,462	3/4	181,899	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	141,868	10	155,305	10	168,742	10	182,178	10		10											
1/4	142,148	1/4	155,585	1/4	169,022	1/4	182,458	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,428	1/2	155,865	1/2	169,302	1/2	182,738	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,708	3/4	156,145	3/4	169,582	3/4	183,018	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	142,988	11	156,425	11	169,861	11	183,298	11		11											
1/4	143,268	1/4	156,705	1/4	170,141	1/4	183,578	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,548	1/2	156,985	1/2	170,421	1/2	183,858	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,828	3/4	157,265	3/4	170,701	3/4	184,138	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2018 CL
CALCULATED: 11/16/2018 CL
PRINTED: 11/16/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1407"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	40	0	9,001	0	21,008	0	33,000	0	44,996	0	57,003	0	69,010	0	81,018	0	93,025	0	105,032
1/4	60	1/4	9,251	1/4	21,258	1/4	33,250	1/4	45,246	1/4	57,253	1/4	69,261	1/4	81,268	1/4	93,275	1/4	105,282
1/2	81	1/2	9,501	1/2	21,508	1/2	33,499	1/2	45,496	1/2	57,504	1/2	69,511	1/2	81,518	1/2	93,525	1/2	105,533
3/4	102	3/4	9,751	3/4	21,758	3/4	33,749	3/4	45,746	3/4	57,754	3/4	69,761	3/4	81,768	3/4	93,775	3/4	105,783
1	123	1	10,001	1	22,008	1	33,998	1	45,997	1	58,004	1	70,011	1	82,018	1	94,026	1	106,033
1/4	185	1/4	10,252	1/4	22,258	1/4	34,247	1/4	46,247	1/4	58,254	1/4	70,261	1/4	82,268	1/4	94,276	1/4	106,283
1/2	248	1/2	10,502	1/2	22,509	1/2	34,497	1/2	46,497	1/2	58,504	1/2	70,511	1/2	82,519	1/2	94,526	1/2	106,533
3/4	310	3/4	10,752	3/4	22,759	3/4	34,746	3/4	46,747	3/4	58,754	3/4	70,762	3/4	82,769	3/4	94,776	3/4	106,783
2	373	2	11,002	2	23,009	2	34,996	2	46,997	2	59,004	2	71,012	2	83,019	2	95,026	2	107,033
1/4	477	1/4	11,252	1/4	23,259	1/4	35,245	1/4	47,247	1/4	59,255	1/4	71,262	1/4	83,269	1/4	95,276	1/4	107,284
1/2	581	1/2	11,502	1/2	23,509	1/2	35,495	1/2	47,497	1/2	59,505	1/2	71,512	1/2	83,519	1/2	95,527	1/2	107,534
3/4	686	3/4	11,752	3/4	23,759	3/4	35,744	3/4	47,748	3/4	59,755	3/4	71,762	3/4	83,769	3/4	95,777	3/4	107,784
3	790	3	12,003	3	24,009	3	35,993	3	47,998	3	60,005	3	72,012	3	84,020	3	96,027	3	108,034
1/4	936	1/4	12,253	1/4	24,260	1/4	36,243	1/4	48,248	1/4	60,255	1/4	72,262	1/4	84,270	1/4	96,277	1/4	108,284
1/2	1,082	1/2	12,503	1/2	24,510	1/2	36,492	1/2	48,498	1/2	60,505	1/2	72,513	1/2	84,520	1/2	96,527	1/2	108,534
3/4	1,228	3/4	12,753	3/4	24,760	3/4	36,742	3/4	48,748	3/4	60,755	3/4	72,763	3/4	84,772	3/4	96,777	3/4	108,785
4	1,374	4	13,003	4	25,010	4	36,991	4	48,998	4	61,006	4	73,013	4	85,020	4	97,027	4	109,035
1/4	1,561	1/4	13,253	1/4	25,260	1/4	37,241	1/4	49,249	1/4	61,256	1/4	73,263	1/4	85,270	1/4	97,278	1/4	109,285
1/2	1,749	1/2	13,503	1/2	25,510	1/2	37,491	1/2	49,499	1/2	61,506	1/2	73,513	1/2	85,520	1/2	97,528	1/2	109,535
3/4	1,936	3/4	13,754	3/4	25,760	3/4	37,742	3/4	49,749	3/4	61,756	3/4	73,763	3/4	85,771	3/4	97,778	3/4	109,785
5	2,124	5	14,004	5	26,011	5	37,992	5	49,999	5	62,006	5	74,013	5	86,021	5	98,028	5	110,035
1/4	2,353	1/4	14,254	1/4	26,261	1/4	38,242	1/4	50,249	1/4	62,256	1/4	74,264	1/4	86,271	1/4	98,278	1/4	110,285
1/2	2,581	1/2	14,504	1/2	26,511	1/2	38,492	1/2	50,499	1/2	62,507	1/2	74,514	1/2	86,521	1/2	98,528	1/2	110,536
3/4	2,810	3/4	14,754	3/4	26,761	3/4	38,742	3/4	50,749	3/4	62,757	3/4	74,764	3/4	86,771	3/4	98,778	3/4	110,786
6	3,038	6	15,004	6	27,011	6	38,992	6	51,000	6	63,007	6	75,014	6	87,021	6	99,029	6	111,036
1/4	3,284	1/4	15,254	1/4	27,261	1/4	39,242	1/4	51,250	1/4	63,257	1/4	75,264	1/4	87,272	1/4	99,279	1/4	111,286
1/2	3,529	1/2	15,505	1/2	27,511	1/2	39,493	1/2	51,500	1/2	63,507	1/2	75,514	1/2	87,522	1/2	99,529	1/2	111,536
3/4	3,774	3/4	15,755	3/4	27,760	3/4	39,743	3/4	51,750	3/4	63,757	3/4	75,765	3/4	87,772	3/4	99,779	3/4	111,786
7	4,019	7	16,005	7	28,010	7	39,993	7	52,000	7	64,007	7	76,015	7	88,022	7	100,029	7	112,036
1/4	4,266	1/4	16,255	1/4	28,260	1/4	40,243	1/4	52,250	1/4	64,258	1/4	76,265	1/4	88,272	1/4	100,279	1/4	112,287
1/2	4,514	1/2	16,505	1/2	28,510	1/2	40,493	1/2	52,500	1/2	64,508	1/2	76,515	1/2	88,522	1/2	100,530	1/2	112,537
3/4	4,761	3/4	16,755	3/4	28,760	3/4	40,743	3/4	52,751	3/4	64,758	3/4	76,765	3/4	88,772	3/4	100,780	3/4	112,787
8	5,008	8	17,005	8	29,009	8	40,994	8	53,001	8	65,008	8	77,015	8	89,023	8	101,030	8	113,037
1/4	5,257	1/4	17,256	1/4	29,259	1/4	41,244	1/4	53,251	1/4	65,258	1/4	77,265	1/4	89,273	1/4	101,280	1/4	113,287
1/2	5,506	1/2	17,506	1/2	29,508	1/2	41,494	1/2	53,501	1/2	65,508	1/2	77,516	1/2	89,523	1/2	101,530	1/2	113,537
3/4	5,754	3/4	17,756	3/4	29,758	3/4	41,744	3/4	53,751	3/4	65,759	3/4	77,766	3/4	89,773	3/4	101,780	3/4	113,788
9	6,003	9	18,006	9	30,007	9	41,994	9	54,001	9	66,009	9	78,016	9	90,023	9	102,030	9	114,038
1/4	6,252	1/4	18,256	1/4	30,257	1/4	42,244	1/4	54,252	1/4	66,259	1/4	78,266	1/4	90,273	1/4	102,281	1/4	114,288
1/2	6,502	1/2	18,506	1/2	30,506	1/2	42,494	1/2	54,502	1/2	66,509	1/2	78,516	1/2	90,523	1/2	102,531	1/2	114,538
3/4	6,751	3/4	18,756	3/4	30,755	3/4	42,745	3/4	54,752	3/4	66,759	3/4	78,766	3/4	90,774	3/4	102,781	3/4	114,788
10	7,001	10	19,007	10	31,005	10	42,995	10	55,002	10	67,009	10	79,017	10	91,024	10	103,031	10	115,038
1/4	7,251	1/4	19,257	1/4	31,254	1/4	43,245	1/4	55,252	1/4	67,259	1/4	79,267	1/4	91,274	1/4	103,281	1/4	115,288
1/2	7,501	1/2	19,507	1/2	31,504	1/2	43,495	1/2	55,502	1/2	67,510	1/2	79,517	1/2	91,524	1/2	103,531	1/2	115,539
3/4	7,750	3/4	19,757	3/4	31,753	3/4	43,745	3/4	55,752	3/4	67,760	3/4	79,767	3/4	91,774	3/4	103,781	3/4	115,789
11	8,000	11	20,007	11	32,003	11	43,995	11	56,003	11	68,011	11	80,017	11	92,024	11	104,032	11	116,039
1/4	8,250	1/4	20,257	1/4	32,252	1/4	44,246	1/4	56,253	1/4	68,260	1/4	80,267	1/4	92,275	1/4	104,282	1/4	116,289
1/2	8,501	1/2	20,507	1/2	32,501	1/2	44,496	1/2	56,503	1/2	68,510	1/2	80,517	1/2	92,525	1/2	104,532	1/2	116,539
3/4	8,751	3/4	20,758	3/4	32,751	3/4	44,746	3/4	56,753	3/4	68,760	3/4	80,768	3/4	92,775	3/4	104,782	3/4	116,789

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 30'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "CBC 1407"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,040	0	129,047	0	141,054	0	153,061	0	165,069	0		0		0		0		0	
1/4	117,290	1/4	129,297	1/4	141,304	1/4	153,311	1/4	165,319	1/4		1/4		1/4		1/4		1/4	
1/2	117,540	1/2	129,547	1/2	141,554	1/2	153,562	1/2	165,569	1/2		1/2		1/2		1/2		1/2	
3/4	117,790	3/4	129,797	3/4	141,804	3/4	153,812	3/4	165,819	3/4		3/4		3/4		3/4		3/4	
1	118,040	1	130,047	1	142,055	1	154,062	1	166,069	1		1		1		1		1	
1/4	118,290	1/4	130,298	1/4	142,305	1/4	154,312	1/4	166,319	1/4		1/4		1/4		1/4		1/4	
1/2	118,540	1/2	130,548	1/2	142,555	1/2	154,562	1/2	166,569	1/2		1/2		1/2		1/2		1/2	
3/4	118,791	3/4	130,798	3/4	142,805	3/4	154,812	3/4	166,820	3/4		3/4		3/4		3/4		3/4	
2	119,041	2	131,048	2	143,055	2	155,062	2	167,070	2		2		2		2		2	
1/4	119,291	1/4	131,298	1/4	143,305	1/4	155,313	1/4	167,320	1/4		1/4		1/4		1/4		1/4	
1/2	119,541	1/2	131,548	1/2	143,556	1/2	155,563	1/2	167,570	1/2		1/2		1/2		1/2		1/2	
3/4	119,791	3/4	131,798	3/4	143,806	3/4	155,813	3/4	167,820	3/4		3/4		3/4		3/4		3/4	
3	120,041	3	132,049	3	144,056	3	156,063	3	168,070	3		3		3		3		3	
1/4	120,291	1/4	132,299	1/4	144,306	1/4	156,313	1/4	168,300	1/4		1/4		1/4		1/4		1/4	
1/2	120,542	1/2	132,549	1/2	144,556	1/2	156,563	1/2	168,529	1/2		1/2		1/2		1/2		1/2	
3/4	120,792	3/4	132,799	3/4	144,806	3/4	156,814	3/4	168,758	3/4		3/4		3/4		3/4		3/4	
4	121,042	4	133,049	4	145,056	4	157,064	4	168,988	4		4		4		4		4	
1/4	121,292	1/4	133,299	1/4	145,307	1/4	157,314	1/4	169,175	1/4		1/4		1/4		1/4		1/4	
1/2	121,542	1/2	133,549	1/2	145,557	1/2	157,564	1/2	169,363	1/2		1/2		1/2		1/2		1/2	
3/4	121,792	3/4	133,800	3/4	145,807	3/4	157,814	3/4	169,550	3/4		3/4		3/4		3/4		3/4	
5	122,043	5	134,050	5	146,057	5	158,064	5	169,738	5		5		5		5		5	
1/4	122,293	1/4	134,300	1/4	146,307	1/4	158,314	1/4	169,884	1/4		1/4		1/4		1/4		1/4	
1/2	122,543	1/2	134,550	1/2	146,557	1/2	158,565	1/2	170,030	1/2		1/2		1/2		1/2		1/2	
3/4	122,793	3/4	134,800	3/4	146,807	3/4	158,815	3/4	170,176	3/4		3/4		3/4		3/4		3/4	
6	123,043	6	135,050	6	147,058	6	159,065	6	170,322	6		6		6		6		6	
1/4	123,293	1/4	135,301	1/4	147,308	1/4	159,315	1/4	170,426	1/4		1/4		1/4		1/4		1/4	
1/2	123,543	1/2	135,551	1/2	147,558	1/2	159,565	1/2	170,530	1/2		1/2		1/2		1/2		1/2	
3/4	123,794	3/4	135,801	3/4	147,808	3/4	159,815	3/4	170,634	3/4		3/4		3/4		3/4		3/4	
7	124,044	7	136,051	7	148,058	7	160,066	7	170,739	7		7		7		7		7	
1/4	124,294	1/4	136,301	1/4	148,308	1/4	160,316	1/4	170,801	1/4		1/4		1/4		1/4		1/4	
1/2	124,544	1/2	136,551	1/2	148,559	1/2	160,566	1/2	170,864	1/2		1/2		1/2		1/2		1/2	
3/4	124,794	3/4	136,801	3/4	148,809	3/4	160,816	3/4	170,926	3/4		3/4		3/4		3/4		3/4	
8	125,044	8	137,052	8	149,059	8	161,066	8	170,989	8		8		8		8		8	
1/4	125,294	1/4	137,302	1/4	149,309	1/4	161,316	1/4	171,010	1/4		1/4		1/4		1/4		1/4	
1/2	125,545	1/2	137,552	1/2	149,559	1/2	161,566	1/2	171,030	1/2		1/2		1/2		1/2		1/2	
3/4	125,795	3/4	137,802	3/4	149,809	3/4	161,817	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,045	9	138,052	9	150,059	9	162,067	9		9		9		9		9		9	
1/4	126,295	1/4	138,302	1/4	150,310	1/4	162,317	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,545	1/2	138,553	1/2	150,560	1/2	162,567	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,795	3/4	138,803	3/4	150,810	3/4	162,817	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,046	10	139,053	10	151,060	10	163,067	10		10		10		10		10		10	
1/4	127,296	1/4	139,303	1/4	151,310	1/4	163,317	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,546	1/2	139,553	1/2	151,560	1/2	163,568	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,796	3/4	139,803	3/4	151,811	3/4	163,818	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,046	11	140,053	11	152,061	11	164,068	11		11		11		11		11		11	
1/4	128,296	1/4	140,304	1/4	152,311	1/4	164,318	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,546	1/2	140,554	1/2	152,561	1/2	164,568	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,797	3/4	140,804	3/4	152,811	3/4	164,818	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2018 CL
CALCULATED: 11/16/2018 CL
PRINTED: 11/16/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1407"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8
2 CENTER	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 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	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 178'-06"

November 16, 2018

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
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 Pearland, Texas 77588

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BARGE "CBC 1407"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	151,647	0	144,377	0	136,247	0	128,116	0	119,993	0	109,425	0	97,824	0	86,222
1/4	1/4	1/4	1/4	1/4	151,627	1/4	144,208	1/4	136,077	1/4	127,946	1/4	119,824	1/4	109,183	1/4	97,582	1/4	85,981
1/2	1/2	1/2	1/2	1/2	151,607	1/2	144,038	1/2	135,908	1/2	127,777	1/2	119,655	1/2	108,942	1/2	97,340	1/2	85,739
3/4	3/4	3/4	3/4	3/4	151,546	3/4	143,869	3/4	135,738	3/4	127,608	3/4	119,487	3/4	108,700	3/4	97,099	3/4	85,497
1	1	1	1	1	151,486	1	143,700	1	135,569	1	127,438	1	119,318	1	108,458	1	96,857	1	85,256
1/4	1/4	1/4	1/4	1/4	151,425	1/4	143,530	1/4	135,400	1/4	127,269	1/4	119,149	1/4	108,217	1/4	96,615	1/4	85,014
1/2	1/2	1/2	1/2	1/2	151,365	1/2	143,361	1/2	135,230	1/2	127,099	1/2	118,980	1/2	107,975	1/2	96,374	1/2	84,772
3/4	3/4	3/4	3/4	3/4	151,264	3/4	143,192	3/4	135,061	3/4	126,930	3/4	118,811	3/4	107,733	3/4	96,132	3/4	84,530
2	2	2	2	2	151,163	2	143,022	2	134,891	2	126,761	2	118,643	2	107,492	2	95,890	2	84,289
1/4	1/4	1/4	1/4	1/4	151,062	1/4	142,853	1/4	134,722	1/4	126,591	1/4	118,474	1/4	107,250	1/4	95,649	1/4	84,047
1/2	1/2	1/2	1/2	1/2	150,961	1/2	142,683	1/2	134,553	1/2	126,422	1/2	118,305	1/2	107,008	1/2	95,407	1/2	83,805
3/4	3/4	3/4	3/4	3/4	150,820	3/4	142,514	3/4	134,383	3/4	126,253	3/4	118,137	3/4	106,767	3/4	95,165	3/4	83,564
3	3	3	3	3	150,679	3	142,345	3	134,214	3	126,083	3	117,968	3	106,525	3	94,923	3	83,322
1/4	1/4	1/4	1/4	1/4	150,537	1/4	142,175	1/4	134,044	1/4	125,914	1/4	117,800	1/4	106,283	1/4	94,682	1/4	83,080
1/2	1/2	1/2	1/2	1/2	150,396	1/2	142,006	1/2	133,875	1/2	125,744	1/2	117,632	1/2	106,041	1/2	94,440	1/2	82,839
3/4	3/4	3/4	3/4	3/4	150,214	3/4	141,836	3/4	133,706	3/4	125,575	3/4	117,390	3/4	105,800	3/4	94,198	3/4	82,598
4	4	4	4	4	150,033	4	141,667	4	133,536	4	125,406	4	117,149	4	105,558	4	93,957	4	82,357
1/4	1/4	1/4	1/4	1/4	149,851	1/4	141,498	1/4	133,367	1/4	125,236	1/4	116,908	1/4	105,316	1/4	93,715	1/4	82,116
1/2	1/2	1/2	1/2	1/2	149,669	1/2	141,328	1/2	133,198	1/2	125,067	1/2	116,667	1/2	105,075	1/2	93,473	1/2	81,875
3/4	3/4	3/4	3/4	3/4	149,447	3/4	141,159	3/4	133,028	3/4	124,897	3/4	116,426	3/4	104,833	3/4	93,232	3/4	81,635
5	5	5	5	5	149,225	5	140,989	5	132,859	5	124,728	5	116,185	5	104,591	5	92,990	5	81,394
1/4	1/4	1/4	1/4	1/4	149,003	1/4	140,820	1/4	132,689	1/4	124,559	1/4	115,944	1/4	104,350	1/4	92,748	1/4	81,154
1/2	1/2	1/2	1/2	1/2	148,781	1/2	140,651	1/2	132,520	1/2	124,389	1/2	115,702	1/2	104,108	1/2	92,507	1/2	80,914
3/4	3/4	3/4	3/4	3/4	148,612	3/4	140,481	3/4	132,351	3/4	124,220	3/4	115,461	3/4	103,866	3/4	92,265	3/4	80,674
6	6	6	6	6	148,443	6	140,312	6	132,181	6	124,050	6	115,220	6	103,624	6	92,023	6	80,433
1/4	1/4	1/4	1/4	1/4	148,273	1/4	140,142	1/4	132,012	1/4	123,881	1/4	114,979	1/4	103,383	1/4	91,781	1/4	80,193
1/2	1/2	1/2	1/2	1/2	148,104	1/2	139,973	1/2	131,842	1/2	123,712	1/2	114,738	1/2	103,141	1/2	91,540	1/2	79,953
3/4	3/4	3/4	3/4	3/4	147,934	3/4	139,804	3/4	131,673	3/4	123,542	3/4	114,497	3/4	102,899	3/4	91,298	3/4	79,713
7	7	7	7	7	147,765	7	139,634	7	131,504	7	123,373	7	114,256	7	102,658	7	91,056	7	79,472
1/4	1/4	1/4	1/4	1/4	147,596	1/4	139,465	1/4	131,334	1/4	123,204	1/4	114,015	1/4	102,416	1/4	90,815	1/4	79,232
1/2	1/2	1/2	1/2	1/2	147,426	1/2	139,296	1/2	131,165	1/2	123,034	1/2	113,773	1/2	102,174	1/2	90,573	1/2	78,992
3/4	3/4	3/4	3/4	3/4	147,257	3/4	139,126	3/4	130,995	3/4	122,865	3/4	113,532	3/4	101,933	3/4	90,331	3/4	78,752
8	8	8	8	8	147,087	8	138,957	8	130,826	8	122,695	8	113,291	8	101,691	8	90,090	8	78,511
1/4	1/4	1/4	1/4	1/4	146,918	1/4	138,787	1/4	130,657	1/4	122,526	1/4	113,050	1/4	101,449	1/4	89,848	1/4	78,271
1/2	1/2	1/2	1/2	1/2	146,749	1/2	138,618	1/2	130,487	1/2	122,357	1/2	112,809	1/2	101,208	1/2	89,606	1/2	78,031
3/4	3/4	3/4	3/4	3/4	146,579	3/4	138,449	3/4	130,318	3/4	122,188	3/4	112,567	3/4	100,966	3/4	89,365	3/4	77,791
9	9	9	9	9	146,410	9	138,279	9	130,149	9	122,019	9	112,325	9	100,724	9	89,123	9	77,550
1/4	1/4	1/4	1/4	1/4	146,241	1/4	138,110	1/4	129,979	1/4	121,850	1/4	112,084	1/4	100,482	1/4	88,881	1/4	77,310
1/2	1/2	1/2	1/2	1/2	146,071	1/2	137,940	1/2	129,810	1/2	121,681	1/2	111,842	1/2	100,241	1/2	88,639	1/2	77,070
3/4	3/4	3/4	3/4	3/4	145,902	3/4	137,771	3/4	129,640	3/4	121,512	3/4	111,600	3/4	99,999	3/4	88,398	3/4	76,830
10	10	10	10	10	145,732	10	137,602	10	129,471	10	121,344	10	111,359	10	99,757	10	88,156	10	76,589
1/4	1/4	1/4	1/4	1/4	145,563	1/4	137,432	1/4	129,302	1/4	121,175	1/4	111,117	1/4	99,516	1/4	87,914	1/4	76,349
1/2	1/2	1/2	1/2	1/2	145,394	1/2	137,263	1/2	129,132	1/2	121,006	1/2	110,875	1/2	99,274	1/2	87,673	1/2	76,109
3/4	3/4	3/4	3/4	3/4	145,224	3/4	137,093	3/4	128,963	3/4	120,837	3/4	110,634	3/4	99,032	3/4	87,431	3/4	75,869
11	11	11	11	11	145,055	11	136,924	11	128,793	11	120,668	11	110,392	11	98,791	11	87,189	11	75,628
1/4	1/4	1/4	1/4	1/4	144,885	1/4	136,755	1/4	128,624	1/4	120,500	1/4	110,150	1/4	98,549	1/4	86,948	1/4	75,388
1/2	1/2	1/2	1/2	1/2	144,716	1/2	136,585	1/2	128,455	1/2	120,331	1/2	109,909	1/2	98,307	1/2	86,706	1/2	75,148
3/4	3/4	3/4	3/4	3/4	144,547	3/4	136,416	3/4	128,285	3/4	120,162	3/4	109,667	3/4	98,066	3/4	86,464	3/4	74,907

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 24'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1407"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	74,666	0	63,075	0	51,478	0	39,881	0	28,500	0	16,950	0	5,331	0		0		0	
1/4	74,425	1/4	62,833	1/4	51,236	1/4	39,640	1/4	28,265	1/4	16,707	1/4	5,091	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,184	1/2	62,592	1/2	50,995	1/2	39,398	1/2	28,031	1/2	16,465	1/2	4,850	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,943	3/4	62,350	3/4	50,753	3/4	39,156	3/4	27,796	3/4	16,223	3/4	4,610	3/4	3/4	3/4	3/4	3/4	3/4
1	73,702	1	62,108	1	50,512	1	38,915	1	27,561	1	15,981	1	4,371	1	1	1	1	1	1
1/4	73,461	1/4	61,867	1/4	50,270	1/4	38,673	1/4	27,327	1/4	15,739	1/4	4,132	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,220	1/2	61,625	1/2	50,028	1/2	38,432	1/2	27,092	1/2	15,496	1/2	3,892	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,979	3/4	61,384	3/4	49,787	3/4	38,190	3/4	26,857	3/4	15,254	3/4	3,655	3/4	3/4	3/4	3/4	3/4	3/4
2	72,738	2	61,142	2	49,545	2	37,948	2	26,622	2	15,012	2	3,417	2	2	2	2	2	2
1/4	72,497	1/4	60,900	1/4	49,304	1/4	37,707	1/4	26,387	1/4	14,770	1/4	3,180	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,256	1/2	60,659	1/2	49,062	1/2	37,465	1/2	26,152	1/2	14,528	1/2	2,943	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,014	3/4	60,417	3/4	48,820	3/4	37,224	3/4	25,910	3/4	14,285	3/4	2,721	3/4	3/4	3/4	3/4	3/4	3/4
3	71,772	3	60,176	3	48,579	3	36,982	3	25,668	3	14,043	3	2,500	3	3	3	3	3	3
1/4	71,531	1/4	59,934	1/4	48,337	1/4	36,740	1/4	25,426	1/4	13,801	1/4	2,279	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,289	1/2	59,692	1/2	48,096	1/2	36,499	1/2	25,184	1/2	13,559	1/2	2,057	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,048	3/4	59,451	3/4	47,854	3/4	36,257	3/4	24,942	3/4	13,317	3/4	1,876	3/4	3/4	3/4	3/4	3/4	3/4
4	70,806	4	59,209	4	47,612	4	36,016	4	24,699	4	13,075	4	1,694	4	4	4	4	4	4
1/4	70,564	1/4	58,968	1/4	47,371	1/4	35,774	1/4	24,457	1/4	12,832	1/4	1,512	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,323	1/2	58,726	1/2	47,129	1/2	35,532	1/2	24,215	1/2	12,590	1/2	1,331	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,081	3/4	58,484	3/4	46,888	3/4	35,298	3/4	23,973	3/4	12,348	3/4	1,190	3/4	3/4	3/4	3/4	3/4	3/4
5	69,840	5	58,243	5	46,646	5	35,064	5	23,731	5	12,106	5	1,048	5	5	5	5	5	5
1/4	69,598	1/4	58,001	1/4	46,404	1/4	34,829	1/4	23,488	1/4	11,864	1/4	907	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,356	1/2	57,760	1/2	46,163	1/2	34,595	1/2	23,246	1/2	11,621	1/2	766	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,115	3/4	57,518	3/4	45,921	3/4	34,360	3/4	23,004	3/4	11,379	3/4	665	3/4	3/4	3/4	3/4	3/4	3/4
6	68,873	6	57,276	6	45,680	6	34,126	6	22,762	6	11,137	6	564	6	6	6	6	6	6
1/4	68,632	1/4	57,035	1/4	45,438	1/4	33,891	1/4	22,520	1/4	10,895	1/4	463	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,390	1/2	56,793	1/2	45,196	1/2	33,657	1/2	22,278	1/2	10,653	1/2	362	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,148	3/4	56,552	3/4	44,955	3/4	33,423	3/4	22,035	3/4	10,411	3/4	302	3/4	3/4	3/4	3/4	3/4	3/4
7	67,907	7	56,310	7	44,713	7	33,188	7	21,793	7	10,168	7	241	7	7	7	7	7	7
1/4	67,665	1/4	56,068	1/4	44,472	1/4	32,954	1/4	21,551	1/4	9,926	1/4	181	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,424	1/2	55,827	1/2	44,230	1/2	32,719	1/2	21,309	1/2	9,684	1/2	120	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,182	3/4	55,585	3/4	43,988	3/4	32,485	3/4	21,067	3/4	9,442	3/4	100	3/4	3/4	3/4	3/4	3/4	3/4
8	66,940	8	55,344	8	43,747	8	32,250	8	20,824	8	9,200	8	80	8	8	8	8	8	8
1/4	66,699	1/4	55,102	1/4	43,505	1/4	32,016	1/4	20,582	1/4	8,957	1/4	60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,457	1/2	54,860	1/2	43,264	1/2	31,782	1/2	20,340	1/2	8,715	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,216	3/4	54,619	3/4	43,022	3/4	31,547	3/4	20,098	3/4	8,473	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	65,974	9	54,377	9	42,780	9	31,313	9	19,856	9	8,231	9		9	9	9	9	9	9
1/4	65,732	1/4	54,136	1/4	42,539	1/4	31,078	1/4	19,614	1/4	7,989	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,491	1/2	53,894	1/2	42,297	1/2	30,844	1/2	19,371	1/2	7,747	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,249	3/4	53,652	3/4	42,056	3/4	30,610	3/4	19,129	3/4	7,505	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	65,008	10	53,411	10	41,814	10	30,375	10	18,887	10	7,263	10		10	10	10	10	10	10
1/4	64,766	1/4	53,169	1/4	41,572	1/4	30,141	1/4	18,645	1/4	7,021	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,524	1/2	52,928	1/2	41,331	1/2	29,906	1/2	18,403	1/2	6,779	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,283	3/4	52,686	3/4	41,089	3/4	29,672	3/4	18,160	3/4	6,537	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	64,041	11	52,444	11	40,848	11	29,437	11	17,918	11	6,296	11		11	11	11	11	11	11
1/4	63,800	1/4	52,203	1/4	40,606	1/4	29,203	1/4	17,676	1/4	6,054	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,558	1/2	51,961	1/2	40,364	1/2	28,969	1/2	17,434	1/2	5,813	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,316	3/4	51,720	3/4	40,123	3/4	28,734	3/4	17,192	3/4	5,572	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2018 CL
CALCULATED: 11/16/2018 CL
PRINTED: 11/16/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "CBC 1407"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	191,066	0	180,219	0	166,782	0	153,346	0	139,909	0	126,472	0	113,035	0	99,599		
1/4	1/4	1/4	191,043	1/4	179,939	1/4	166,502	1/4	153,066	1/4	139,629	1/4	126,192	1/4	112,756	1/4	99,319		
1/2	1/2	1/2	190,973	1/2	179,659	1/2	166,222	1/2	152,786	1/2	139,349	1/2	125,912	1/2	112,476	1/2	99,039		
3/4	3/4	3/4	190,903	3/4	179,379	3/4	165,942	3/4	152,506	3/4	139,069	3/4	125,632	3/4	112,196	3/4	98,759		
1	1	1	190,833	1	179,099	1	165,663	1	152,226	1	138,789	1	125,352	1	111,916	1	98,479		
1/4	1/4	1/4	190,763	1/4	178,819	1/4	165,383	1/4	151,946	1/4	138,509	1/4	125,073	1/4	111,636	1/4	98,199		
1/2	1/2	1/2	190,646	1/2	178,539	1/2	165,103	1/2	151,666	1/2	138,229	1/2	124,793	1/2	111,356	1/2	97,919		
3/4	3/4	3/4	190,530	3/4	178,259	3/4	164,823	3/4	151,386	3/4	137,949	3/4	124,513	3/4	111,076	3/4	97,639		
2	2	2	190,413	2	177,979	2	164,543	2	151,106	2	137,669	2	124,233	2	110,796	2	97,359		
1/4	1/4	1/4	190,296	1/4	177,700	1/4	164,263	1/4	150,826	1/4	137,389	1/4	123,953	1/4	110,516	1/4	97,079		
1/2	1/2	1/2	190,133	1/2	177,420	1/2	163,983	1/2	150,546	1/2	137,110	1/2	123,673	1/2	110,236	1/2	96,799		
3/4	3/4	3/4	189,970	3/4	177,140	3/4	163,703	3/4	150,266	3/4	136,830	3/4	123,393	3/4	109,956	3/4	96,520		
3	3	3	189,807	3	176,860	3	163,423	3	149,986	3	136,550	3	123,113	3	109,676	3	96,240		
1/4	1/4	1/4	189,643	1/4	176,580	1/4	163,143	1/4	149,706	1/4	136,270	1/4	122,833	1/4	109,396	1/4	95,960		
1/2	1/2	1/2	189,433	1/2	176,300	1/2	162,863	1/2	149,427	1/2	135,990	1/2	122,553	1/2	109,116	1/2	95,680		
3/4	3/4	3/4	189,223	3/4	176,020	3/4	162,583	3/4	149,147	3/4	135,710	3/4	122,273	3/4	108,837	3/4	95,400		
4	4	4	189,013	4	175,740	4	162,303	4	148,867	4	135,430	4	121,993	4	108,557	4	95,120		
1/4	1/4	1/4	188,803	1/4	175,460	1/4	162,023	1/4	148,587	1/4	135,150	1/4	121,713	1/4	108,277	1/4	94,840		
1/2	1/2	1/2	188,547	1/2	175,180	1/2	161,743	1/2	148,307	1/2	134,870	1/2	121,433	1/2	107,997	1/2	94,560		
3/4	3/4	3/4	188,290	3/4	174,900	3/4	161,464	3/4	148,027	3/4	134,590	3/4	121,153	3/4	107,717	3/4	94,280		
5	5	5	188,034	5	174,620	5	161,184	5	147,747	5	134,310	5	120,874	5	107,437	5	94,000		
1/4	1/4	1/4	187,777	1/4	174,340	1/4	160,904	1/4	147,467	1/4	134,030	1/4	120,594	1/4	107,157	1/4	93,720		
1/2	1/2	1/2	187,497	1/2	174,060	1/2	160,624	1/2	147,187	1/2	133,750	1/2	120,314	1/2	106,877	1/2	93,440		
3/4	3/4	3/4	187,217	3/4	173,781	3/4	160,344	3/4	146,907	3/4	133,470	3/4	120,034	3/4	106,597	3/4	93,160		
6	6	6	186,937	6	173,501	6	160,064	6	146,627	6	133,191	6	119,754	6	106,317	6	92,880		
1/4	1/4	1/4	186,657	1/4	173,221	1/4	159,784	1/4	146,347	1/4	132,911	1/4	119,474	1/4	106,037	1/4	92,601		
1/2	1/2	1/2	186,377	1/2	172,941	1/2	159,504	1/2	146,067	1/2	132,631	1/2	119,194	1/2	105,757	1/2	92,321		
3/4	3/4	3/4	186,097	3/4	172,661	3/4	159,224	3/4	145,787	3/4	132,351	3/4	118,914	3/4	105,477	3/4	92,041		
7	7	7	185,818	7	172,381	7	158,944	7	145,507	7	132,071	7	118,634	7	105,197	7	91,761		
1/4	1/4	1/4	185,538	1/4	172,101	1/4	158,664	1/4	145,228	1/4	131,791	1/4	118,354	1/4	104,917	1/4	91,481		
1/2	1/2	1/2	185,258	1/2	171,821	1/2	158,384	1/2	144,948	1/2	131,511	1/2	118,074	1/2	104,638	1/2	91,201		
3/4	3/4	3/4	184,978	3/4	171,541	3/4	158,104	3/4	144,668	3/4	131,231	3/4	117,794	3/4	104,358	3/4	90,921		
8	8	8	184,698	8	171,261	8	157,824	8	144,388	8	130,951	8	117,514	8	104,078	8	90,641		
1/4	1/4	1/4	184,418	1/4	170,981	1/4	157,545	1/4	144,108	1/4	130,671	1/4	117,234	1/4	103,798	1/4	90,361		
1/2	1/2	1/2	184,138	1/2	170,701	1/2	157,265	1/2	143,828	1/2	130,391	1/2	116,955	1/2	103,518	1/2	90,081		
3/4	3/4	3/4	183,858	3/4	170,421	3/4	156,985	3/4	143,548	3/4	130,111	3/4	116,675	3/4	103,238	3/4	89,801		
9	9	9	183,578	9	170,141	9	156,705	9	143,268	9	129,831	9	116,395	9	102,958	9	89,521		
1/4	1/4	1/4	183,298	1/4	169,861	1/4	156,425	1/4	142,988	1/4	129,551	1/4	116,115	1/4	102,678	1/4	89,241		
1/2	1/2	1/2	183,018	1/2	169,582	1/2	156,145	1/2	142,708	1/2	129,271	1/2	115,835	1/2	102,398	1/2	88,961		
3/4	3/4	3/4	182,738	3/4	169,302	3/4	155,865	3/4	142,428	3/4	128,992	3/4	115,555	3/4	102,118	3/4	88,681		
10	10	10	182,458	10	169,022	10	155,585	10	142,148	10	128,712	10	115,275	10	101,838	10	88,402		
1/4	1/4	1/4	182,178	1/4	168,742	1/4	155,305	1/4	141,868	1/4	128,432	1/4	114,995	1/4	101,558	1/4	88,122		
1/2	1/2	1/2	181,899	1/2	168,462	1/2	155,025	1/2	141,588	1/2	128,152	1/2	114,715	1/2	101,278	1/2	87,842		
3/4	3/4	3/4	181,619	3/4	168,182	3/4	154,745	3/4	141,309	3/4	127,872	3/4	114,435	3/4	100,998	3/4	87,562		
11	11	11	181,339	11	167,902	11	154,465	11	141,029	11	127,592	11	114,155	11	100,719	11	87,282		
1/4	1/4	1/4	181,059	1/4	167,622	1/4	154,185	1/4	140,749	1/4	127,312	1/4	113,875	1/4	100,439	1/4	87,002		
1/2	1/2	1/2	180,779	1/2	167,342	1/2	153,905	1/2	140,469	1/2	127,032	1/2	113,595	1/2	100,159	1/2	86,722		
3/4	3/4	3/4	191,090	3/4	180,499	3/4	167,062	3/4	153,625	3/4	140,189	3/4	126,752	3/4	113,315	3/4	99,879	3/4	86,442

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 37'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1407"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	86,162	0	72,725	0	59,289	0	45,852	0	32,702	0	19,305	0	5,878	0		0		0	
1/4	85,882	1/4	72,445	1/4	59,009	1/4	45,572	1/4	32,430	1/4	19,025	1/4	5,600	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,602	1/2	72,166	1/2	58,729	1/2	45,292	1/2	32,158	1/2	18,745	1/2	5,323	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,322	3/4	71,886	3/4	58,449	3/4	45,012	3/4	31,886	3/4	18,465	3/4	5,046	3/4	3/4	3/4	3/4	3/4	3/4
1	85,042	1	71,606	1	58,169	1	44,732	1	31,614	1	18,185	1	4,770	1	1	1	1	1	1
1/4	84,762	1/4	71,326	1/4	57,889	1/4	44,452	1/4	31,342	1/4	17,905	1/4	4,493	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,483	1/2	71,046	1/2	57,609	1/2	44,172	1/2	31,062	1/2	17,625	1/2	4,218	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,203	3/4	70,766	3/4	57,329	3/4	43,893	3/4	30,782	3/4	17,346	3/4	3,944	3/4	3/4	3/4	3/4	3/4	3/4
2	83,923	2	70,486	2	57,049	2	43,613	2	30,502	2	17,066	2	3,670	2	2	2	2	2	2
1/4	83,643	1/4	70,206	1/4	56,769	1/4	43,333	1/4	30,222	1/4	16,786	1/4	3,395	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,363	1/2	69,926	1/2	56,489	1/2	43,053	1/2	29,942	1/2	16,506	1/2	3,140	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,083	3/4	69,646	3/4	56,209	3/4	42,773	3/4	29,662	3/4	16,226	3/4	2,884	3/4	3/4	3/4	3/4	3/4	3/4
3	82,803	3	69,366	3	55,930	3	42,493	3	29,382	3	15,946	3	2,628	3	3	3	3	3	3
1/4	82,523	1/4	69,086	1/4	55,650	1/4	42,213	1/4	29,102	1/4	15,666	1/4	2,372	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,243	1/2	68,806	1/2	55,370	1/2	41,941	1/2	28,822	1/2	15,386	1/2	2,162	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,963	3/4	68,526	3/4	55,090	3/4	41,669	3/4	28,542	3/4	15,106	3/4	1,952	3/4	3/4	3/4	3/4	3/4	3/4
4	81,683	4	68,247	4	54,810	4	41,397	4	28,263	4	14,826	4	1,742	4	4	4	4	4	4
1/4	81,403	1/4	67,967	1/4	54,530	1/4	41,125	1/4	27,983	1/4	14,546	1/4	1,532	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,123	1/2	67,687	1/2	54,250	1/2	40,853	1/2	27,703	1/2	14,266	1/2	1,369	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,843	3/4	67,407	3/4	53,970	3/4	40,581	3/4	27,423	3/4	13,986	3/4	1,206	3/4	3/4	3/4	3/4	3/4	3/4
5	80,563	5	67,127	5	53,690	5	40,310	5	27,143	5	13,707	5	1,042	5	5	5	5	5	5
1/4	80,284	1/4	66,847	1/4	53,410	1/4	40,038	1/4	26,863	1/4	13,427	1/4	879	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,004	1/2	66,567	1/2	53,130	1/2	39,766	1/2	26,583	1/2	13,147	1/2	762	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,724	3/4	66,287	3/4	52,850	3/4	39,494	3/4	26,303	3/4	12,867	3/4	646	3/4	3/4	3/4	3/4	3/4	3/4
6	79,444	6	66,007	6	52,570	6	39,223	6	26,023	6	12,587	6	529	6	6	6	6	6	6
1/4	79,164	1/4	65,727	1/4	52,290	1/4	38,951	1/4	25,743	1/4	12,307	1/4	413	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,884	1/2	65,447	1/2	52,011	1/2	38,679	1/2	25,463	1/2	12,027	1/2	343	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,604	3/4	65,167	3/4	51,731	3/4	38,408	3/4	25,183	3/4	11,747	3/4	273	3/4	3/4	3/4	3/4	3/4	3/4
7	78,324	7	64,887	7	51,451	7	38,136	7	24,903	7	11,467	7	203	7	7	7	7	7	7
1/4	78,044	1/4	64,607	1/4	51,171	1/4	37,864	1/4	24,624	1/4	11,187	1/4	133	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,764	1/2	64,327	1/2	50,891	1/2	37,592	1/2	24,344	1/2	10,907	1/2	109	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,484	3/4	64,048	3/4	50,611	3/4	37,321	3/4	24,064	3/4	10,627	3/4	86	3/4	3/4	3/4	3/4	3/4	3/4
8	77,204	8	63,768	8	50,331	8	37,049	8	23,784	8	10,348	8	63	8	8	8	8	8	8
1/4	76,924	1/4	63,488	1/4	50,051	1/4	36,777	1/4	23,504	1/4	10,068	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,644	1/2	63,208	1/2	49,771	1/2	36,506	1/2	23,224	1/2	9,788	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,365	3/4	62,928	3/4	49,491	3/4	36,234	3/4	22,944	3/4	9,508	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	76,085	9	62,648	9	49,211	9	35,962	9	22,664	9	9,228	9		9	9	9	9	9	9
1/4	75,805	1/4	62,368	1/4	48,931	1/4	35,690	1/4	22,384	1/4	8,948	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,525	1/2	62,088	1/2	48,651	1/2	35,419	1/2	22,104	1/2	8,668	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,245	3/4	61,808	3/4	48,371	3/4	35,147	3/4	21,824	3/4	8,389	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	74,965	10	61,528	10	48,091	10	34,875	10	21,544	10	8,109	10		10	10	10	10	10	10
1/4	74,685	1/4	61,248	1/4	47,812	1/4	34,604	1/4	21,264	1/4	7,829	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,405	1/2	60,968	1/2	47,532	1/2	34,332	1/2	20,985	1/2	7,550	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,125	3/4	60,688	3/4	47,252	3/4	34,060	3/4	20,705	3/4	7,271	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	73,845	11	60,408	11	46,972	11	33,788	11	20,425	11	6,992	11		11	11	11	11	11	11
1/4	73,565	1/4	60,129	1/4	46,692	1/4	33,517	1/4	20,145	1/4	6,713	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,285	1/2	59,849	1/2	46,412	1/2	33,245	1/2	19,865	1/2	6,435	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,005	3/4	59,569	3/4	46,132	3/4	32,973	3/4	19,585	3/4	6,156	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2018 CL
CALCULATED: 11/16/2018 CL
PRINTED: 11/16/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "CBC 1407"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	161,817	0	149,809	0	137,802	0	125,795	0	113,788	0	101,780	0	89,773
1/4	1/4	1/4	1/4	1/4	171,030	1/4	161,566	1/4	149,559	1/4	137,552	1/4	125,545	1/4	113,537	1/4	101,530	1/4	89,523
1/2	1/2	1/2	1/2	1/2	171,010	1/2	161,316	1/2	149,309	1/2	137,302	1/2	125,294	1/2	113,287	1/2	101,280	1/2	89,273
3/4	3/4	3/4	3/4	3/4	170,989	3/4	161,066	3/4	149,059	3/4	137,052	3/4	125,044	3/4	113,037	3/4	101,030	3/4	89,023
1	1	1	1	1	170,926	1	160,816	1	148,809	1	136,801	1	124,794	1	112,787	1	100,780	1	88,772
1/4	1/4	1/4	1/4	1/4	170,864	1/4	160,566	1/4	148,559	1/4	136,551	1/4	124,544	1/4	112,537	1/4	100,530	1/4	88,522
1/2	1/2	1/2	1/2	1/2	170,801	1/2	160,316	1/2	148,308	1/2	136,301	1/2	124,294	1/2	112,287	1/2	100,279	1/2	88,272
3/4	3/4	3/4	3/4	3/4	170,739	3/4	160,066	3/4	148,058	3/4	136,051	3/4	124,044	3/4	112,036	3/4	100,029	3/4	88,022
2	2	2	2	2	170,634	2	159,815	2	147,808	2	135,801	2	123,794	2	111,786	2	99,779	2	87,772
1/4	1/4	1/4	1/4	1/4	170,530	1/4	159,565	1/4	147,558	1/4	135,551	1/4	123,543	1/4	111,536	1/4	99,529	1/4	87,522
1/2	1/2	1/2	1/2	1/2	170,426	1/2	159,315	1/2	147,308	1/2	135,301	1/2	123,293	1/2	111,286	1/2	99,279	1/2	87,272
3/4	3/4	3/4	3/4	3/4	170,322	3/4	159,065	3/4	147,058	3/4	135,050	3/4	123,043	3/4	111,036	3/4	99,029	3/4	87,021
3	3	3	3	3	170,176	3	158,815	3	146,807	3	134,800	3	122,793	3	110,786	3	98,778	3	86,771
1/4	1/4	1/4	1/4	1/4	170,030	1/4	158,565	1/4	146,557	1/4	134,550	1/4	122,543	1/4	110,536	1/4	98,528	1/4	86,521
1/2	1/2	1/2	1/2	1/2	169,884	1/2	158,314	1/2	146,307	1/2	134,300	1/2	122,293	1/2	110,285	1/2	98,278	1/2	86,271
3/4	3/4	3/4	3/4	3/4	169,738	3/4	158,064	3/4	146,057	3/4	134,050	3/4	122,043	3/4	110,035	3/4	98,028	3/4	86,021
4	4	4	4	4	169,550	4	157,814	4	145,807	4	133,800	4	121,792	4	109,785	4	97,778	4	85,771
1/4	1/4	1/4	1/4	1/4	169,363	1/4	157,564	1/4	145,557	1/4	133,549	1/4	121,542	1/4	109,535	1/4	97,528	1/4	85,520
1/2	1/2	1/2	1/2	1/2	169,175	1/2	157,314	1/2	145,307	1/2	133,299	1/2	121,292	1/2	109,285	1/2	97,278	1/2	85,270
3/4	3/4	3/4	3/4	3/4	168,988	3/4	157,064	3/4	145,056	3/4	133,049	3/4	121,042	3/4	109,035	3/4	97,027	3/4	85,020
5	5	5	5	5	168,758	5	156,814	5	144,806	5	132,799	5	120,792	5	108,785	5	96,777	5	84,770
1/4	1/4	1/4	1/4	1/4	168,529	1/4	156,563	1/4	144,556	1/4	132,549	1/4	120,542	1/4	108,534	1/4	96,527	1/4	84,520
1/2	1/2	1/2	1/2	1/2	168,300	1/2	156,313	1/2	144,306	1/2	132,299	1/2	120,291	1/2	108,284	1/2	96,277	1/2	84,270
3/4	3/4	3/4	3/4	3/4	168,070	3/4	156,063	3/4	144,056	3/4	132,049	3/4	120,041	3/4	108,034	3/4	96,027	3/4	84,020
6	6	6	6	6	167,820	6	155,813	6	143,806	6	131,798	6	119,791	6	107,784	6	95,777	6	83,769
1/4	1/4	1/4	1/4	1/4	167,570	1/4	155,563	1/4	143,556	1/4	131,548	1/4	119,541	1/4	107,534	1/4	95,527	1/4	83,519
1/2	1/2	1/2	1/2	1/2	167,320	1/2	155,313	1/2	143,305	1/2	131,298	1/2	119,291	1/2	107,284	1/2	95,276	1/2	83,269
3/4	3/4	3/4	3/4	3/4	167,070	3/4	155,062	3/4	143,055	3/4	131,048	3/4	119,041	3/4	107,033	3/4	95,026	3/4	83,019
7	7	7	7	7	166,820	7	154,812	7	142,805	7	130,798	7	118,791	7	106,783	7	94,776	7	82,769
1/4	1/4	1/4	1/4	1/4	166,569	1/4	154,562	1/4	142,555	1/4	130,548	1/4	118,540	1/4	106,533	1/4	94,526	1/4	82,519
1/2	1/2	1/2	1/2	1/2	166,319	1/2	154,312	1/2	142,305	1/2	130,298	1/2	118,290	1/2	106,283	1/2	94,276	1/2	82,268
3/4	3/4	3/4	3/4	3/4	166,069	3/4	154,062	3/4	142,055	3/4	130,047	3/4	118,040	3/4	106,033	3/4	94,026	3/4	82,018
8	8	8	8	8	165,819	8	153,812	8	141,804	8	129,797	8	117,790	8	105,783	8	93,775	8	81,768
1/4	1/4	1/4	1/4	1/4	165,569	1/4	153,562	1/4	141,554	1/4	129,547	1/4	117,540	1/4	105,533	1/4	93,525	1/4	81,518
1/2	1/2	1/2	1/2	1/2	165,319	1/2	153,311	1/2	141,304	1/2	129,297	1/2	117,290	1/2	105,282	1/2	93,275	1/2	81,268
3/4	3/4	3/4	3/4	3/4	165,069	3/4	153,061	3/4	141,054	3/4	129,047	3/4	117,040	3/4	105,032	3/4	93,025	3/4	81,018
9	9	9	9	9	164,818	9	152,811	9	140,804	9	128,797	9	116,789	9	104,782	9	92,775	9	80,768
1/4	1/4	1/4	1/4	1/4	164,568	1/4	152,561	1/4	140,554	1/4	128,546	1/4	116,539	1/4	104,532	1/4	92,525	1/4	80,517
1/2	1/2	1/2	1/2	1/2	164,318	1/2	152,311	1/2	140,304	1/2	128,296	1/2	116,289	1/2	104,282	1/2	92,275	1/2	80,267
3/4	3/4	3/4	3/4	3/4	164,068	3/4	152,061	3/4	140,053	3/4	128,046	3/4	116,039	3/4	104,032	3/4	92,024	3/4	80,017
10	10	10	10	10	163,818	10	151,811	10	139,803	10	127,796	10	115,789	10	103,781	10	91,774	10	79,767
1/4	1/4	1/4	1/4	1/4	163,568	1/4	151,560	1/4	139,553	1/4	127,546	1/4	115,539	1/4	103,531	1/4	91,524	1/4	79,517
1/2	1/2	1/2	1/2	1/2	163,317	1/2	151,310	1/2	139,303	1/2	127,296	1/2	115,288	1/2	103,281	1/2	91,274	1/2	79,267
3/4	3/4	3/4	3/4	3/4	163,067	3/4	151,060	3/4	139,053	3/4	127,046	3/4	115,038	3/4	103,031	3/4	91,024	3/4	79,017
11	11	11	11	11	162,817	11	150,810	11	138,803	11	126,795	11	114,788	11	102,781	11	90,774	11	78,766
1/4	1/4	1/4	1/4	1/4	162,567	1/4	150,560	1/4	138,553	1/4	126,545	1/4	114,538	1/4	102,531	1/4	90,523	1/4	78,516
1/2	1/2	1/2	1/2	1/2	162,317	1/2	150,310	1/2	138,302	1/2	126,295	1/2	114,288	1/2	102,281	1/2	90,273	1/2	78,266
3/4	3/4	3/4	3/4	3/4	162,067	3/4	150,059	3/4	138,052	3/4	126,045	3/4	114,038	3/4	102,030	3/4	90,023	3/4	78,016

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 30'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1407"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0										
1/4	77,516	1/4	65,508	1/4	53,501	1/4	41,494	1/4	29,508	1/4	17,506	1/4	5,506	1/4		1/4		1/4	
1/2	77,265	1/2	65,258	1/2	53,251	1/2	41,244	1/2	29,259	1/2	17,256	1/2	5,257	1/2		1/2		1/2	
3/4	77,015	3/4	65,008	3/4	53,001	3/4	40,994	3/4	29,009	3/4	17,005	3/4	5,008	3/4		3/4		3/4	
1	76,765	1	64,758	1	52,751	1	40,743	1	28,760	1	16,755	1	4,761	1		1		1	
1/4	76,515	1/4	64,508	1/4	52,500	1/4	40,493	1/4	28,510	1/4	16,505	1/4	4,514	1/4		1/4		1/4	
1/2	76,265	1/2	64,258	1/2	52,250	1/2	40,243	1/2	28,260	1/2	16,255	1/2	4,266	1/2		1/2		1/2	
3/4	76,015	3/4	64,007	3/4	52,000	3/4	39,993	3/4	28,010	3/4	16,005	3/4	4,019	3/4		3/4		3/4	
2	75,765	2	63,757	2	51,750	2	39,743	2	27,760	2	15,755	2	3,774	2		2		2	
1/4	75,514	1/4	63,507	1/4	51,500	1/4	39,493	1/4	27,511	1/4	15,505	1/4	3,529	1/4		1/4		1/4	
1/2	75,264	1/2	63,257	1/2	51,250	1/2	39,242	1/2	27,261	1/2	15,254	1/2	3,284	1/2		1/2		1/2	
3/4	75,014	3/4	63,007	3/4	51,000	3/4	38,992	3/4	27,011	3/4	15,004	3/4	3,038	3/4		3/4		3/4	
3	74,764	3	62,757	3	50,749	3	38,742	3	26,761	3	14,754	3	2,810	3		3		3	
1/4	74,514	1/4	62,507	1/4	50,499	1/4	38,492	1/4	26,511	1/4	14,504	1/4	2,581	1/4		1/4		1/4	
1/2	74,264	1/2	62,256	1/2	50,249	1/2	38,242	1/2	26,261	1/2	14,254	1/2	2,353	1/2		1/2		1/2	
3/4	74,013	3/4	62,006	3/4	49,999	3/4	37,992	3/4	26,011	3/4	14,004	3/4	2,124	3/4		3/4		3/4	
4	73,763	4	61,756	4	49,749	4	37,742	4	25,760	4	13,754	4	1,936	4		4		4	
1/4	73,513	1/4	61,506	1/4	49,499	1/4	37,491	1/4	25,510	1/4	13,503	1/4	1,749	1/4		1/4		1/4	
1/2	73,263	1/2	61,256	1/2	49,249	1/2	37,241	1/2	25,260	1/2	13,253	1/2	1,561	1/2		1/2		1/2	
3/4	73,013	3/4	61,006	3/4	48,998	3/4	36,991	3/4	25,010	3/4	13,003	3/4	1,374	3/4		3/4		3/4	
5	72,763	5	60,755	5	48,748	5	36,742	5	24,760	5	12,753	5	1,228	5		5		5	
1/4	72,513	1/4	60,505	1/4	48,498	1/4	36,492	1/4	24,510	1/4	12,503	1/4	1,082	1/4		1/4		1/4	
1/2	72,262	1/2	60,255	1/2	48,248	1/2	36,243	1/2	24,260	1/2	12,253	1/2	936	1/2		1/2		1/2	
3/4	72,012	3/4	60,005	3/4	47,998	3/4	35,993	3/4	24,009	3/4	12,003	3/4	790	3/4		3/4		3/4	
6	71,762	6	59,755	6	47,748	6	35,744	6	23,759	6	11,752	6	686	6		6		6	
1/4	71,512	1/4	59,505	1/4	47,497	1/4	35,495	1/4	23,509	1/4	11,502	1/4	581	1/4		1/4		1/4	
1/2	71,262	1/2	59,255	1/2	47,247	1/2	35,245	1/2	23,259	1/2	11,252	1/2	477	1/2		1/2		1/2	
3/4	71,012	3/4	59,004	3/4	46,997	3/4	34,996	3/4	23,009	3/4	11,002	3/4	373	3/4		3/4		3/4	
7	70,762	7	58,754	7	46,747	7	34,746	7	22,759	7	10,752	7	310	7		7		7	
1/4	70,511	1/4	58,504	1/4	46,497	1/4	34,497	1/4	22,509	1/4	10,502	1/4	248	1/4		1/4		1/4	
1/2	70,261	1/2	58,254	1/2	46,247	1/2	34,247	1/2	22,258	1/2	10,252	1/2	185	1/2		1/2		1/2	
3/4	70,011	3/4	58,004	3/4	45,997	3/4	33,998	3/4	22,008	3/4	10,001	3/4	123	3/4		3/4		3/4	
8	69,761	8	57,754	8	45,746	8	33,749	8	21,758	8	9,751	8	102	8		8		8	
1/4	69,511	1/4	57,504	1/4	45,496	1/4	33,499	1/4	21,508	1/4	9,501	1/4	81	1/4		1/4		1/4	
1/2	69,261	1/2	57,253	1/2	45,246	1/2	33,250	1/2	21,258	1/2	9,251	1/2	60	1/2		1/2		1/2	
3/4	69,010	3/4	57,003	3/4	44,996	3/4	33,000	3/4	21,008	3/4	9,001	3/4	40	3/4		3/4		3/4	
9	68,760	9	56,753	9	44,746	9	32,751	9	20,758	9	8,751	9		9		9		9	
1/4	68,510	1/4	56,503	1/4	44,496	1/4	32,501	1/4	20,507	1/4	8,501	1/4		1/4		1/4		1/4	
1/2	68,260	1/2	56,253	1/2	44,246	1/2	32,252	1/2	20,257	1/2	8,250	1/2		1/2		1/2		1/2	
3/4	68,010	3/4	56,003	3/4	43,995	3/4	32,003	3/4	20,007	3/4	8,000	3/4		3/4		3/4		3/4	
10	67,760	10	55,752	10	43,745	10	31,753	10	19,757	10	7,750	10		10		10		10	
1/4	67,510	1/4	55,502	1/4	43,495	1/4	31,504	1/4	19,507	1/4	7,501	1/4		1/4		1/4		1/4	
1/2	67,259	1/2	55,252	1/2	43,245	1/2	31,254	1/2	19,257	1/2	7,251	1/2		1/2		1/2		1/2	
3/4	67,009	3/4	55,002	3/4	42,995	3/4	31,005	3/4	19,007	3/4	7,001	3/4		3/4		3/4		3/4	
11	66,759	11	54,752	11	42,745	11	30,755	11	18,756	11	6,751	11		11		11		11	
1/4	66,509	1/4	54,502	1/4	42,494	1/4	30,506	1/4	18,506	1/4	6,502	1/4		1/4		1/4		1/4	
1/2	66,259	1/2	54,252	1/2	42,244	1/2	30,257	1/2	18,256	1/2	6,252	1/2		1/2		1/2		1/2	
3/4	66,009	3/4	54,001	3/4	41,994	3/4	30,007	3/4	18,006	3/4	6,003	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2018 CL
CALCULATED: 11/16/2018 CL
PRINTED: 11/16/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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