



BARGE "CBC 1014"

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	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
3 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

(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 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

October 12, 2020

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

<http://www.pmacorp.net>



BARGE "CBC 1014"

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	35	0	8,090	0	18,882	0	29,552	0	40,188	0	50,952	0	61,715	0	72,460	0	83,161	0	93,928
1/4	54	1/4	8,314	1/4	19,107	1/4	29,770	1/4	40,412	1/4	51,176	1/4	61,939	1/4	72,682	1/4	83,386	1/4	94,152
1/2	72	1/2	8,539	1/2	19,332	1/2	29,988	1/2	40,637	1/2	51,400	1/2	62,164	1/2	72,903	1/2	83,610	1/2	94,377
3/4	91	3/4	8,764	3/4	19,557	3/4	30,206	3/4	40,861	3/4	51,624	3/4	62,388	3/4	73,125	3/4	83,834	3/4	94,601
1	110	1	8,989	1	19,782	1	30,425	1	41,085	1	51,849	1	62,612	1	73,347	1	84,059	1	94,825
1/4	166	1/4	9,214	1/4	20,006	1/4	30,643	1/4	41,309	1/4	52,073	1/4	62,836	1/4	73,569	1/4	84,283	1/4	95,049
1/2	222	1/2	9,439	1/2	20,231	1/2	30,861	1/2	41,534	1/2	52,297	1/2	63,061	1/2	73,791	1/2	84,507	1/2	95,274
3/4	278	3/4	9,663	3/4	20,456	3/4	31,079	3/4	41,758	3/4	52,521	3/4	63,285	3/4	74,012	3/4	84,732	3/4	95,498
2	335	2	9,888	2	20,681	2	31,297	2	41,982	2	52,746	2	63,509	2	74,234	2	84,956	2	95,722
1/4	428	1/4	10,113	1/4	20,906	1/4	31,516	1/4	42,206	1/4	52,970	1/4	63,733	1/4	74,456	1/4	85,181	1/4	95,946
1/2	522	1/2	10,338	1/2	21,131	1/2	31,734	1/2	42,430	1/2	53,194	1/2	63,958	1/2	74,678	1/2	85,405	1/2	96,171
3/4	616	3/4	10,563	3/4	21,355	3/4	31,952	3/4	42,655	3/4	53,418	3/4	64,182	3/4	74,899	3/4	85,629	3/4	96,395
3	709	3	10,788	3	21,580	3	32,170	3	42,879	3	53,642	3	64,406	3	75,121	3	85,854	3	96,619
1/4	840	1/4	11,013	1/4	21,805	1/4	32,389	1/4	43,103	1/4	53,867	1/4	64,630	1/4	75,343	1/4	86,078	1/4	96,844
1/2	972	1/2	11,237	1/2	22,030	1/2	32,607	1/2	43,327	1/2	54,091	1/2	64,855	1/2	75,565	1/2	86,302	1/2	97,068
3/4	1,103	3/4	11,462	3/4	22,255	3/4	32,825	3/4	43,552	3/4	54,315	3/4	65,079	3/4	75,786	3/4	86,527	3/4	97,292
4	1,234	4	11,687	4	22,480	4	33,043	4	43,776	4	54,539	4	65,303	4	76,008	4	86,751	4	97,517
1/4	1,403	1/4	11,912	1/4	22,705	1/4	33,261	1/4	44,000	1/4	54,764	1/4	65,527	1/4	76,230	1/4	86,975	1/4	97,741
1/2	1,571	1/2	12,137	1/2	22,929	1/2	33,480	1/2	44,224	1/2	54,988	1/2	65,752	1/2	76,452	1/2	87,200	1/2	97,965
3/4	1,740	3/4	12,362	3/4	23,154	3/4	33,698	3/4	44,449	3/4	55,212	3/4	65,976	3/4	76,673	3/4	87,424	3/4	98,190
5	1,908	5	12,586	5	23,379	5	33,916	5	44,673	5	55,436	5	66,200	5	76,895	5	87,649	5	98,414
1/4	2,114	1/4	12,811	1/4	23,604	1/4	34,140	1/4	44,897	1/4	55,661	1/4	66,424	1/4	77,117	1/4	87,873	1/4	98,638
1/2	2,320	1/2	13,036	1/2	23,829	1/2	34,363	1/2	45,121	1/2	55,885	1/2	66,649	1/2	77,339	1/2	88,097	1/2	98,863
3/4	2,525	3/4	13,261	3/4	24,054	3/4	34,587	3/4	45,346	3/4	56,109	3/4	66,873	3/4	77,560	3/4	88,322	3/4	99,087
6	2,731	6	13,486	6	24,278	6	34,810	6	45,570	6	56,333	6	67,097	6	77,782	6	88,546	6	99,311
1/4	2,951	1/4	13,711	1/4	24,503	1/4	35,034	1/4	45,794	1/4	56,558	1/4	67,321	1/4	78,005	1/4	88,770	1/4	99,536
1/2	3,171	1/2	13,936	1/2	24,728	1/2	35,258	1/2	46,018	1/2	56,782	1/2	67,546	1/2	78,228	1/2	88,995	1/2	99,760
3/4	3,392	3/4	14,160	3/4	24,953	3/4	35,481	3/4	46,242	3/4	57,006	3/4	67,770	3/4	78,451	3/4	89,219	3/4	99,984
7	3,612	7	14,385	7	25,178	7	35,705	7	46,467	7	57,230	7	67,994	7	78,674	7	89,443	7	100,208
1/4	3,834	1/4	14,610	1/4	25,397	1/4	35,929	1/4	46,691	1/4	57,455	1/4	68,218	1/4	78,898	1/4	89,668	1/4	100,433
1/2	4,057	1/2	14,835	1/2	25,615	1/2	36,153	1/2	46,915	1/2	57,679	1/2	68,442	1/2	79,123	1/2	89,892	1/2	100,657
3/4	4,279	3/4	15,060	3/4	25,834	3/4	36,377	3/4	47,139	3/4	57,903	3/4	68,667	3/4	79,347	3/4	90,116	3/4	100,881
8	4,501	8	15,285	8	26,053	8	36,601	8	47,364	8	58,127	8	68,891	8	79,571	8	90,341	8	101,106
1/4	4,725	1/4	15,509	1/4	26,272	1/4	36,825	1/4	47,588	1/4	58,352	1/4	69,115	1/4	79,796	1/4	90,565	1/4	101,330
1/2	4,948	1/2	15,734	1/2	26,491	1/2	37,049	1/2	47,812	1/2	58,576	1/2	69,338	1/2	80,020	1/2	90,789	1/2	101,554
3/4	5,171	3/4	15,959	3/4	26,709	3/4	37,273	3/4	48,036	3/4	58,800	3/4	69,562	3/4	80,245	3/4	91,013	3/4	101,779
9	5,395	9	16,184	9	26,928	9	37,498	9	48,261	9	59,024	9	69,786	9	80,469	9	91,238	9	102,003
1/4	5,619	1/4	16,409	1/4	27,147	1/4	37,722	1/4	48,485	1/4	59,249	1/4	70,009	1/4	80,693	1/4	91,462	1/4	102,227
1/2	5,843	1/2	16,634	1/2	27,366	1/2	37,946	1/2	48,709	1/2	59,473	1/2	70,233	1/2	80,918	1/2	91,686	1/2	102,452
3/4	6,067	3/4	16,859	3/4	27,584	3/4	38,170	3/4	48,933	3/4	59,697	3/4	70,457	3/4	81,142	3/4	91,910	3/4	102,676
10	6,292	10	17,083	10	27,803	10	38,394	10	49,158	10	59,921	10	70,680	10	81,366	10	92,135	10	102,900
1/4	6,516	1/4	17,308	1/4	28,022	1/4	38,619	1/4	49,382	1/4	60,146	1/4	70,903	1/4	81,591	1/4	92,359	1/4	103,125
1/2	6,741	1/2	17,533	1/2	28,240	1/2	38,843	1/2	49,606	1/2	60,370	1/2	71,127	1/2	81,815	1/2	92,583	1/2	103,349
3/4	6,966	3/4	17,758	3/4	28,459	3/4	39,067	3/4	49,830	3/4	60,594	3/4	71,350	3/4	82,039	3/4	92,807	3/4	103,573
11	7,190	11	17,983	11	28,678	11	39,291	11	50,055	11	60,818	11	71,573	11	82,264	11	93,031	11	103,798
1/4	7,415	1/4	18,208	1/4	28,896	1/4	39,516	1/4	50,279	1/4	61,042	1/4	71,795	1/4	82,488	1/4	93,256	1/4	104,022
1/2	7,640	1/2	18,432	1/2	29,115	1/2	39,740	1/2	50,503	1/2	61,267	1/2	72,016	1/2	82,713	1/2	93,480	1/2	104,246
3/4	7,865	3/4	18,657	3/4	29,333	3/4	39,964	3/4	50,727	3/4	61,491	3/4	72,238	3/4	82,937	3/4	93,704	3/4	104,471

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 P.O. Box 2092
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BARGE "CBC 1014"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

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								
1/4	104,919	1/4	114,993	1/4	124,460	1/4	133,927	1/4	143,394	1/4		1/4		1/4		1/4		1/4	
1/2	105,144	1/2	115,190	1/2	124,657	1/2	134,124	1/2	143,592	1/2		1/2		1/2		1/2		1/2	
3/4	105,368	3/4	115,388	3/4	124,855	3/4	134,322	3/4	143,789	3/4		3/4		3/4		3/4		3/4	
1	105,592	1	115,585	1	125,052	1	134,519	1	143,986	1									
1/4	105,817	1/4	115,782	1/4	125,249	1/4	134,716	1/4	144,183	1/4		1/4		1/4		1/4		1/4	
1/2	106,041	1/2	115,979	1/2	125,446	1/2	134,913	1/2	144,380	1/2		1/2		1/2		1/2		1/2	
3/4	106,265	3/4	116,177	3/4	125,644	3/4	135,111	3/4	144,578	3/4		3/4		3/4		3/4		3/4	
2	106,490	2	116,374	2	125,841	2	135,308	2	144,775	2									
1/4	106,714	1/4	116,571	1/4	126,038	1/4	135,505	1/4	144,953	1/4		1/4		1/4		1/4		1/4	
1/2	106,938	1/2	116,768	1/2	126,235	1/2	135,702	1/2	145,132	1/2		1/2		1/2		1/2		1/2	
3/4	107,163	3/4	116,965	3/4	126,433	3/4	135,900	3/4	145,310	3/4		3/4		3/4		3/4		3/4	
3	107,387	3	117,163	3	126,630	3	136,097	3	145,489	3									
1/4	107,611	1/4	117,360	1/4	126,827	1/4	136,294	1/4	145,658	1/4		1/4		1/4		1/4		1/4	
1/2	107,836	1/2	117,557	1/2	127,024	1/2	136,491	1/2	145,826	1/2		1/2		1/2		1/2		1/2	
3/4	108,060	3/4	117,754	3/4	127,221	3/4	136,688	3/4	145,995	3/4		3/4		3/4		3/4		3/4	
4	108,284	4	117,952	4	127,419	4	136,886	4	146,163	4									
1/4	108,508	1/4	118,149	1/4	127,616	1/4	137,083	1/4	146,295	1/4		1/4		1/4		1/4		1/4	
1/2	108,732	1/2	118,346	1/2	127,813	1/2	137,280	1/2	146,426	1/2		1/2		1/2		1/2		1/2	
3/4	108,956	3/4	118,543	3/4	128,010	3/4	137,477	3/4	146,557	3/4		3/4		3/4		3/4		3/4	
5	109,179	5	118,741	5	128,208	5	137,675	5	146,688	5									
1/4	109,403	1/4	118,938	1/4	128,405	1/4	137,872	1/4	146,782	1/4		1/4		1/4		1/4		1/4	
1/2	109,627	1/2	119,135	1/2	128,602	1/2	138,069	1/2	146,875	1/2		1/2		1/2		1/2		1/2	
3/4	109,851	3/4	119,332	3/4	128,799	3/4	138,266	3/4	146,969	3/4		3/4		3/4		3/4		3/4	
6	110,075	6	119,529	6	128,997	6	138,464	6	147,063	6									
1/4	110,271	1/4	119,727	1/4	129,194	1/4	138,661	1/4	147,119	1/4		1/4		1/4		1/4		1/4	
1/2	110,468	1/2	119,924	1/2	129,391	1/2	138,858	1/2	147,175	1/2		1/2		1/2		1/2		1/2	
3/4	110,665	3/4	120,121	3/4	129,588	3/4	139,055	3/4	147,231	3/4		3/4		3/4		3/4		3/4	
7	110,862	7	120,318	7	129,785	7	139,252	7	147,288	7									
1/4	111,058	1/4	120,516	1/4	129,983	1/4	139,450	1/4	147,306	1/4		1/4		1/4		1/4		1/4	
1/2	111,255	1/2	120,713	1/2	130,180	1/2	139,647	1/2	147,325	1/2		1/2		1/2		1/2		1/2	
3/4	111,452	3/4	120,910	3/4	130,377	3/4	139,844	3/4	147,344	3/4		3/4		3/4		3/4		3/4	
8	111,648	8	121,107	8	130,574	8	140,041	8	147,363	8									
1/4	111,845	1/4	121,305	1/4	130,772	1/4	140,239	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,042	1/2	121,502	1/2	130,969	1/2	140,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,239	3/4	121,699	3/4	131,166	3/4	140,633	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,435	9	121,896	9	131,363	9	140,830	9	147,382	9									
1/4	112,632	1/4	122,093	1/4	131,560	1/4	141,028	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,829	1/2	122,291	1/2	131,758	1/2	141,225	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,025	3/4	122,488	3/4	131,955	3/4	141,422	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,222	10	122,685	10	132,152	10	141,619	10	147,401	10									
1/4	113,419	1/4	122,882	1/4	132,349	1/4	141,816	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,616	1/2	123,080	1/2	132,547	1/2	142,014	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,812	3/4	123,277	3/4	132,744	3/4	142,211	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,009	11	123,474	11	132,941	11	142,408	11	147,420	11									
1/4	114,206	1/4	123,671	1/4	133,138	1/4	142,605	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,402	1/2	123,869	1/2	133,336	1/2	142,803	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,599	3/4	124,066	3/4	133,533	3/4	143,000	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2020 CL
CALCULATED: 10/12/2020 CL
PRINTED: 10/12/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT
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BARGE "CBC 1014"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	35	0	9,064	0	21,162	0	33,114	0	45,063	0	57,162	0	69,260	0	81,359	0	93,457	0	105,556
1/4	56	1/4	9,316	1/4	21,415	1/4	33,359	1/4	45,315	1/4	57,414	1/4	69,512	1/4	81,611	1/4	93,709	1/4	105,808
1/2	77	1/2	9,568	1/2	21,667	1/2	33,603	1/2	45,567	1/2	57,666	1/2	69,764	1/2	81,863	1/2	93,961	1/2	106,060
3/4	98	3/4	9,821	3/4	21,919	3/4	33,848	3/4	45,819	3/4	57,918	3/4	70,016	3/4	82,115	3/4	94,213	3/4	106,312
1	119	1	10,073	1	22,171	1	34,093	1	46,071	1	58,170	1	70,268	1	82,367	1	94,465	1	106,564
1/4	182	1/4	10,325	1/4	22,423	1/4	34,337	1/4	46,323	1/4	58,422	1/4	70,520	1/4	82,619	1/4	94,717	1/4	106,816
1/2	245	1/2	10,577	1/2	22,675	1/2	34,582	1/2	46,575	1/2	58,674	1/2	70,772	1/2	82,871	1/2	94,969	1/2	107,068
3/4	308	3/4	10,829	3/4	22,927	3/4	34,826	3/4	46,827	3/4	58,926	3/4	71,024	3/4	83,123	3/4	95,221	3/4	107,320
2	371	2	11,081	2	23,179	2	35,071	2	47,079	2	59,178	2	71,276	2	83,375	2	95,474	2	107,572
1/4	476	1/4	11,333	1/4	23,431	1/4	35,315	1/4	47,331	1/4	59,430	1/4	71,529	1/4	83,627	1/4	95,726	1/4	107,824
1/2	581	1/2	11,585	1/2	23,683	1/2	35,560	1/2	47,584	1/2	59,682	1/2	71,781	1/2	83,879	1/2	95,978	1/2	108,076
3/4	686	3/4	11,837	3/4	23,935	3/4	35,804	3/4	47,836	3/4	59,934	3/4	72,033	3/4	84,131	3/4	96,230	3/4	108,328
3	791	3	12,089	3	24,187	3	36,049	3	48,088	3	60,186	3	72,285	3	84,383	3	96,482	3	108,580
1/4	938	1/4	12,341	1/4	24,439	1/4	36,294	1/4	48,340	1/4	60,438	1/4	72,537	1/4	84,635	1/4	96,734	1/4	108,832
1/2	1,085	1/2	12,593	1/2	24,691	1/2	36,538	1/2	48,592	1/2	60,690	1/2	72,789	1/2	84,887	1/2	96,986	1/2	109,084
3/4	1,232	3/4	12,845	3/4	24,943	3/4	36,783	3/4	48,844	3/4	60,942	3/4	73,041	3/4	85,139	3/4	97,238	3/4	109,336
4	1,379	4	13,097	4	25,195	4	37,027	4	49,096	4	61,194	4	73,293	4	85,391	4	97,490	4	109,588
1/4	1,568	1/4	13,349	1/4	25,447	1/4	37,272	1/4	49,348	1/4	61,446	1/4	73,545	1/4	85,643	1/4	97,742	1/4	109,841
1/2	1,757	1/2	13,601	1/2	25,699	1/2	37,516	1/2	49,600	1/2	61,698	1/2	73,797	1/2	85,896	1/2	97,994	1/2	110,093
3/4	1,946	3/4	13,853	3/4	25,951	3/4	37,761	3/4	49,852	3/4	61,951	3/4	74,049	3/4	86,148	3/4	98,246	3/4	110,345
5	2,135	5	14,105	5	26,203	5	38,006	5	50,104	5	62,203	5	74,301	5	86,400	5	98,498	5	110,597
1/4	2,366	1/4	14,357	1/4	26,455	1/4	38,258	1/4	50,356	1/4	62,455	1/4	74,553	1/4	86,652	1/4	98,750	1/4	110,849
1/2	2,596	1/2	14,609	1/2	26,707	1/2	38,510	1/2	50,608	1/2	62,707	1/2	74,805	1/2	86,904	1/2	99,002	1/2	111,101
3/4	2,826	3/4	14,861	3/4	26,959	3/4	38,762	3/4	50,860	3/4	62,959	3/4	75,057	3/4	87,156	3/4	99,254	3/4	111,353
6	3,057	6	15,113	6	27,212	6	39,014	6	51,112	6	63,211	6	75,309	6	87,408	6	99,506	6	111,605
1/4	3,304	1/4	15,365	1/4	27,464	1/4	39,266	1/4	51,364	1/4	63,463	1/4	75,561	1/4	87,660	1/4	99,758	1/4	111,857
1/2	3,551	1/2	15,618	1/2	27,716	1/2	39,518	1/2	51,616	1/2	63,715	1/2	75,813	1/2	87,912	1/2	100,010	1/2	112,109
3/4	3,798	3/4	15,870	3/4	27,968	3/4	39,770	3/4	51,868	3/4	63,967	3/4	76,065	3/4	88,164	3/4	100,263	3/4	112,361
7	4,045	7	16,122	7	28,220	7	40,022	7	52,120	7	64,219	7	76,318	7	88,416	7	100,515	7	112,613
1/4	4,294	1/4	16,374	1/4	28,465	1/4	40,274	1/4	52,373	1/4	64,471	1/4	76,570	1/4	88,668	1/4	100,767	1/4	112,865
1/2	4,543	1/2	16,626	1/2	28,710	1/2	40,526	1/2	52,625	1/2	64,723	1/2	76,822	1/2	88,920	1/2	101,019	1/2	113,117
3/4	4,792	3/4	16,878	3/4	28,955	3/4	40,778	3/4	52,877	3/4	64,975	3/4	77,074	3/4	89,172	3/4	101,271	3/4	113,369
8	5,042	8	17,130	8	29,200	8	41,030	8	53,129	8	65,227	8	77,326	8	89,424	8	101,523	8	113,621
1/4	5,292	1/4	17,382	1/4	29,445	1/4	41,282	1/4	53,381	1/4	65,479	1/4	77,578	1/4	89,676	1/4	101,775	1/4	113,873
1/2	5,543	1/2	17,634	1/2	29,690	1/2	41,534	1/2	53,633	1/2	65,731	1/2	77,830	1/2	89,928	1/2	102,027	1/2	114,125
3/4	5,793	3/4	17,886	3/4	29,935	3/4	41,786	3/4	53,885	3/4	65,983	3/4	78,082	3/4	90,180	3/4	102,279	3/4	114,377
9	6,044	9	18,138	9	30,179	9	42,038	9	54,137	9	66,235	9	78,334	9	90,432	9	102,531	9	114,630
1/4	6,295	1/4	18,390	1/4	30,424	1/4	42,290	1/4	54,389	1/4	66,487	1/4	78,586	1/4	90,685	1/4	102,783	1/4	114,882
1/2	6,546	1/2	18,642	1/2	30,669	1/2	42,542	1/2	54,641	1/2	66,740	1/2	78,838	1/2	90,937	1/2	103,035	1/2	115,134
3/4	6,798	3/4	18,894	3/4	30,913	3/4	42,795	3/4	54,893	3/4	66,992	3/4	79,090	3/4	91,189	3/4	103,287	3/4	115,386
10	7,049	10	19,146	10	31,158	10	43,047	10	55,145	10	67,244	10	79,342	10	91,441	10	103,539	10	115,638
1/4	7,301	1/4	19,398	1/4	31,402	1/4	43,299	1/4	55,397	1/4	67,496	1/4	79,594	1/4	91,693	1/4	103,791	1/4	115,890
1/2	7,553	1/2	19,650	1/2	31,647	1/2	43,551	1/2	55,649	1/2	67,748	1/2	79,846	1/2	91,945	1/2	104,043	1/2	116,142
3/4	7,804	3/4	19,902	3/4	31,891	3/4	43,803	3/4	55,901	3/4	68,000	3/4	80,098	3/4	92,197	3/4	104,295	3/4	116,394
11	8,056	11	20,154	11	32,136	11	44,055	11	56,153	11	68,252	11	80,350	11	92,449	11	104,547	11	116,646
1/4	8,308	1/4	20,406	1/4	32,381	1/4	44,307	1/4	56,405	1/4	68,504	1/4	80,602	1/4	92,701	1/4	104,799	1/4	116,898
1/2	8,560	1/2	20,658	1/2	32,625	1/2	44,559	1/2	56,657	1/2	68,756	1/2	80,854	1/2	92,953	1/2	105,052	1/2	117,150
3/4	8,812	3/4	20,910	3/4	32,870	3/4	44,811	3/4	56,909	3/4	69,008	3/4	81,107	3/4	93,205	3/4	105,304	3/4	117,402

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1014"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	117,906	1/4	130,005	1/4	142,103	1/4	154,202	1/4	166,300	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,158	1/2	130,257	1/2	142,355	1/2	154,454	1/2	166,552	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,410	3/4	130,509	3/4	142,607	3/4	154,706	3/4	166,804	3/4		3/4		3/4		3/4		3/4		3/4	
1	118,662	1	130,761	1	142,859	1	154,958	1	167,056	1											
1/4	118,914	1/4	131,013	1/4	143,111	1/4	155,210	1/4	167,309	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,166	1/2	131,265	1/2	143,364	1/2	155,462	1/2	167,561	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,419	3/4	131,517	3/4	143,616	3/4	155,714	3/4	167,813	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,671	2	131,769	2	143,868	2	155,966	2	168,065	2											
1/4	119,923	1/4	132,021	1/4	144,120	1/4	156,218	1/4	168,296	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,175	1/2	132,273	1/2	144,372	1/2	156,470	1/2	168,527	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,427	3/4	132,525	3/4	144,624	3/4	156,722	3/4	168,758	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,679	3	132,777	3	144,876	3	156,974	3	168,989	3											
1/4	120,931	1/4	133,029	1/4	145,128	1/4	157,226	1/4	169,178	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,183	1/2	133,281	1/2	145,380	1/2	157,478	1/2	169,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,435	3/4	133,533	3/4	145,632	3/4	157,731	3/4	169,556	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,687	4	133,786	4	145,884	4	157,983	4	169,745	4											
1/4	121,939	1/4	134,038	1/4	146,136	1/4	158,235	1/4	169,892	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,191	1/2	134,290	1/2	146,388	1/2	158,487	1/2	170,039	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,443	3/4	134,542	3/4	146,640	3/4	158,739	3/4	170,186	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,695	5	134,794	5	146,892	5	158,991	5	170,333	5											
1/4	122,947	1/4	135,046	1/4	147,144	1/4	159,243	1/4	170,438	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,199	1/2	135,298	1/2	147,396	1/2	159,495	1/2	170,543	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,451	3/4	135,550	3/4	147,648	3/4	159,747	3/4	170,648	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,703	6	135,802	6	147,900	6	159,999	6	170,753	6											
1/4	123,955	1/4	136,054	1/4	148,153	1/4	160,251	1/4	170,816	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,208	1/2	136,306	1/2	148,405	1/2	160,503	1/2	170,879	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,460	3/4	136,558	3/4	148,657	3/4	160,755	3/4	170,942	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,712	7	136,810	7	148,909	7	161,007	7	171,005	7											
1/4	124,964	1/4	137,062	1/4	149,161	1/4	161,259	1/4	171,026	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,216	1/2	137,314	1/2	149,413	1/2	161,511	1/2	171,047	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,468	3/4	137,566	3/4	149,665	3/4	161,763	3/4	171,068	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,720	8	137,818	8	149,917	8	162,015	8	171,089	8											
1/4	125,972	1/4	138,070	1/4	150,169	1/4	162,267	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,224	1/2	138,322	1/2	150,421	1/2	162,520	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,476	3/4	138,575	3/4	150,673	3/4	162,772	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	126,728	9	138,827	9	150,925	9	163,024	9	171,099	9											
1/4	126,980	1/4	139,079	1/4	151,177	1/4	163,276	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,232	1/2	139,331	1/2	151,429	1/2	163,528	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,484	3/4	139,583	3/4	151,681	3/4	163,780	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	127,736	10	139,835	10	151,933	10	164,032	10	171,109	10											
1/4	127,988	1/4	140,087	1/4	152,185	1/4	164,284	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,240	1/2	140,339	1/2	152,437	1/2	164,536	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,492	3/4	140,591	3/4	152,689	3/4	164,788	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	128,744	11	140,843	11	152,942	11	165,040	11	171,119	11											
1/4	128,997	1/4	141,095	1/4	153,194	1/4	165,292	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,249	1/2	141,347	1/2	153,446	1/2	165,544	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,501	3/4	141,599	3/4	153,698	3/4	165,796	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2020 CL
CALCULATED: 10/12/2020 CL
PRINTED: 10/12/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1014"

3 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	35	0	8,035	0	18,754	0	29,459	0	40,160	0	50,880	0	61,599	0	72,319	0	83,038	0	93,758
1/4	54	1/4	8,258	1/4	19,978	1/4	29,681	1/4	40,383	1/4	51,103	1/4	61,822	1/4	72,542	1/4	83,262	1/4	93,981
1/2	72	1/2	8,482	1/2	19,201	1/2	29,903	1/2	40,607	1/2	51,326	1/2	62,046	1/2	72,765	1/2	83,485	1/2	94,205
3/4	91	3/4	8,705	3/4	19,424	3/4	30,126	3/4	40,830	3/4	51,549	3/4	62,269	3/4	72,989	3/4	83,708	3/4	94,428
1	109	1	8,928	1	19,648	1	30,348	1	41,053	1	51,773	1	62,492	1	73,212	1	83,932	1	94,651
1/4	165	1/4	9,152	1/4	19,871	1/4	30,571	1/4	41,277	1/4	51,996	1/4	62,716	1/4	73,435	1/4	84,155	1/4	94,875
1/2	221	1/2	9,375	1/2	20,094	1/2	30,793	1/2	41,500	1/2	52,219	1/2	62,939	1/2	73,659	1/2	84,378	1/2	95,098
3/4	277	3/4	9,598	3/4	20,318	3/4	31,015	3/4	41,723	3/4	52,443	3/4	63,162	3/4	73,882	3/4	84,602	3/4	95,321
2	333	2	9,822	2	20,541	2	31,238	2	41,947	2	52,666	2	63,386	2	74,105	2	84,825	2	95,545
1/4	426	1/4	10,045	1/4	20,764	1/4	31,460	1/4	42,170	1/4	52,889	1/4	63,609	1/4	74,329	1/4	85,048	1/4	95,768
1/2	519	1/2	10,268	1/2	20,987	1/2	31,683	1/2	42,393	1/2	53,113	1/2	63,832	1/2	74,552	1/2	85,272	1/2	95,991
3/4	612	3/4	10,492	3/4	21,211	3/4	31,905	3/4	42,616	3/4	53,336	3/4	64,056	3/4	74,775	3/4	85,495	3/4	96,215
3	705	3	10,715	3	21,434	3	32,128	3	42,840	3	53,559	3	64,279	3	74,999	3	85,718	3	96,438
1/4	835	1/4	10,938	1/4	21,657	1/4	32,350	1/4	43,063	1/4	53,783	1/4	64,502	1/4	75,222	1/4	85,942	1/4	96,661
1/2	965	1/2	11,162	1/2	21,881	1/2	32,572	1/2	43,286	1/2	54,006	1/2	64,726	1/2	75,445	1/2	86,165	1/2	96,885
3/4	1,096	3/4	11,385	3/4	22,104	3/4	32,795	3/4	43,510	3/4	54,229	3/4	64,949	3/4	75,669	3/4	86,388	3/4	97,108
4	1,226	4	11,608	4	22,327	4	33,017	4	43,733	4	54,453	4	65,172	4	75,892	4	86,612	4	97,331
1/4	1,393	1/4	11,832	1/4	22,551	1/4	33,240	1/4	43,956	1/4	54,676	1/4	65,396	1/4	76,115	1/4	86,835	1/4	97,555
1/2	1,561	1/2	12,055	1/2	22,774	1/2	33,462	1/2	44,180	1/2	54,899	1/2	65,619	1/2	76,339	1/2	87,058	1/2	97,778
3/4	1,728	3/4	12,278	3/4	22,997	3/4	33,684	3/4	44,403	3/4	55,123	3/4	65,842	3/4	76,562	3/4	87,282	3/4	98,001
5	1,896	5	12,501	5	23,221	5	33,907	5	44,626	5	55,346	5	66,066	5	76,785	5	87,505	5	98,225
1/4	2,100	1/4	12,725	1/4	23,444	1/4	34,130	1/4	44,850	1/4	55,569	1/4	66,289	1/4	77,009	1/4	87,728	1/4	98,448
1/2	2,304	1/2	12,948	1/2	23,667	1/2	34,353	1/2	45,073	1/2	55,793	1/2	66,512	1/2	77,232	1/2	87,952	1/2	98,671
3/4	2,508	3/4	13,171	3/4	23,891	3/4	34,577	3/4	45,296	3/4	56,016	3/4	66,736	3/4	77,455	3/4	88,175	3/4	98,894
6	2,712	6	13,395	6	24,114	6	34,800	6	45,520	6	56,239	6	66,959	6	77,679	6	88,398	6	99,118
1/4	2,931	1/4	13,618	1/4	24,337	1/4	35,023	1/4	45,743	1/4	56,463	1/4	67,182	1/4	77,902	1/4	88,622	1/4	99,341
1/2	3,150	1/2	13,841	1/2	24,561	1/2	35,247	1/2	45,966	1/2	56,686	1/2	67,406	1/2	78,125	1/2	88,845	1/2	99,564
3/4	3,369	3/4	14,065	3/4	24,784	3/4	35,470	3/4	46,190	3/4	56,909	3/4	67,629	3/4	78,349	3/4	89,068	3/4	99,788
7	3,588	7	14,288	7	25,007	7	35,693	7	46,413	7	57,133	7	67,852	7	78,572	7	89,291	7	100,011
1/4	3,809	1/4	14,511	1/4	25,230	1/4	35,917	1/4	46,636	1/4	57,356	1/4	68,076	1/4	78,795	1/4	89,515	1/4	100,234
1/2	4,029	1/2	14,735	1/2	25,453	1/2	36,140	1/2	46,860	1/2	57,579	1/2	68,299	1/2	79,019	1/2	89,738	1/2	100,458
3/4	4,250	3/4	14,958	3/4	25,676	3/4	36,363	3/4	47,083	3/4	57,803	3/4	68,522	3/4	79,242	3/4	89,961	3/4	100,681
8	4,471	8	15,181	8	25,898	8	36,587	8	47,306	8	58,026	8	68,746	8	79,465	8	90,185	8	100,904
1/4	4,693	1/4	15,405	1/4	26,121	1/4	36,810	1/4	47,530	1/4	58,249	1/4	68,969	1/4	79,688	1/4	90,408	1/4	101,128
1/2	4,915	1/2	15,628	1/2	26,344	1/2	37,033	1/2	47,753	1/2	58,473	1/2	69,192	1/2	79,912	1/2	90,631	1/2	101,351
3/4	5,137	3/4	15,851	3/4	26,567	3/4	37,257	3/4	47,976	3/4	58,696	3/4	69,416	3/4	80,135	3/4	90,855	3/4	101,574
9	5,359	9	16,075	9	26,790	9	37,480	9	48,200	9	58,919	9	69,639	9	80,358	9	91,078	9	101,798
1/4	5,581	1/4	16,298	1/4	27,012	1/4	37,703	1/4	48,423	1/4	59,143	1/4	69,862	1/4	80,582	1/4	91,301	1/4	102,021
1/2	5,804	1/2	16,521	1/2	27,235	1/2	37,927	1/2	48,646	1/2	59,366	1/2	70,086	1/2	80,805	1/2	91,525	1/2	102,244
3/4	6,027	3/4	16,744	3/4	27,457	3/4	38,150	3/4	48,870	3/4	59,589	3/4	70,309	3/4	81,028	3/4	91,748	3/4	102,468
10	6,249	10	16,968	10	27,679	10	38,373	10	49,093	10	59,813	10	70,539	10	81,252	10	91,971	10	102,691
1/4	6,473	1/4	17,191	1/4	27,902	1/4	38,597	1/4	49,316	1/4	60,036	1/4	70,755	1/4	81,475	1/4	92,195	1/4	102,914
1/2	6,696	1/2	17,414	1/2	28,124	1/2	38,820	1/2	49,540	1/2	60,259	1/2	70,979	1/2	81,698	1/2	92,418	1/2	103,138
3/4	6,919	3/4	17,638	3/4	28,347	3/4	39,043	3/4	49,763	3/4	60,483	3/4	71,202	3/4	81,922	3/4	92,641	3/4	103,361
11	7,142	11	17,861	11	28,569	11	39,267	11	49,986	11	60,706	11	71,425	11	82,145	11	92,865	11	103,584
1/4	7,365	1/4	18,084	1/4	28,791	1/4	39,490	1/4	50,210	1/4	60,929	1/4	71,649	1/4	82,368	1/4	93,088	1/4	103,808
1/2	7,589	1/2	18,308	1/2	29,014	1/2	39,713	1/2	50,433	1/2	61,152	1/2	71,872	1/2	82,592	1/2	93,311	1/2	104,031
3/4	7,812	3/4	18,531	3/4	29,236	3/4	39,937	3/4	50,656	3/4	61,376	3/4	72,095	3/4	82,815	3/4	93,535	3/4	104,254

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 22'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1014"

3 CENTER INNAGE 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	104,478	0	115,197	0	125,917	0	136,636	0	147,356	0		0		0		0		0	
1/4	104,701	1/4	115,421	1/4	126,140	1/4	136,860	1/4	147,579	1/4		1/4		1/4		1/4		1/4	
1/2	104,924	1/2	115,644	1/2	126,364	1/2	137,083	1/2	147,803	1/2		1/2		1/2		1/2		1/2	
3/4	105,148	3/4	115,867	3/4	126,587	3/4	137,306	3/4	148,026	3/4		3/4		3/4		3/4		3/4	
1	105,371	1	116,091	1	126,810	1	137,530	1	148,249	1		1		1		1		1	
1/4	105,594	1/4	116,314	1/4	127,033	1/4	137,753	1/4	148,473	1/4		1/4		1/4		1/4		1/4	
1/2	105,818	1/2	116,537	1/2	127,257	1/2	137,976	1/2	148,696	1/2		1/2		1/2		1/2		1/2	
3/4	106,041	3/4	116,761	3/4	127,480	3/4	138,200	3/4	148,919	3/4		3/4		3/4		3/4		3/4	
2	106,264	2	116,984	2	127,703	2	138,423	2	149,143	2		2		2		2		2	
1/4	106,488	1/4	117,207	1/4	127,927	1/4	138,646	1/4	149,347	1/4		1/4		1/4		1/4		1/4	
1/2	106,711	1/2	117,430	1/2	128,150	1/2	138,870	1/2	149,552	1/2		1/2		1/2		1/2		1/2	
3/4	106,934	3/4	117,654	3/4	128,373	3/4	139,093	3/4	149,757	3/4		3/4		3/4		3/4		3/4	
3	107,158	3	117,877	3	128,597	3	139,316	3	149,962	3		3		3		3		3	
1/4	107,381	1/4	118,100	1/4	128,820	1/4	139,540	1/4	150,129	1/4		1/4		1/4		1/4		1/4	
1/2	107,604	1/2	118,324	1/2	129,043	1/2	139,763	1/2	150,297	1/2		1/2		1/2		1/2		1/2	
3/4	107,827	3/4	118,547	3/4	129,267	3/4	139,986	3/4	150,464	3/4		3/4		3/4		3/4		3/4	
4	108,051	4	118,770	4	129,490	4	140,210	4	150,631	4		4		4		4		4	
1/4	108,274	1/4	118,994	1/4	129,713	1/4	140,433	1/4	150,762	1/4		1/4		1/4		1/4		1/4	
1/2	108,497	1/2	119,217	1/2	129,937	1/2	140,656	1/2	150,892	1/2		1/2		1/2		1/2		1/2	
3/4	108,721	3/4	119,440	3/4	130,160	3/4	140,880	3/4	151,022	3/4		3/4		3/4		3/4		3/4	
5	108,944	5	119,664	5	130,383	5	141,103	5	151,153	5		5		5		5		5	
1/4	109,167	1/4	119,887	1/4	130,607	1/4	141,326	1/4	151,246	1/4		1/4		1/4		1/4		1/4	
1/2	109,391	1/2	120,110	1/2	130,830	1/2	141,550	1/2	151,339	1/2		1/2		1/2		1/2		1/2	
3/4	109,614	3/4	120,334	3/4	131,053	3/4	141,773	3/4	151,432	3/4		3/4		3/4		3/4		3/4	
6	109,837	6	120,557	6	131,277	6	141,996	6	151,525	6		6		6		6		6	
1/4	110,061	1/4	120,780	1/4	131,500	1/4	142,220	1/4	151,581	1/4		1/4		1/4		1/4		1/4	
1/2	110,284	1/2	121,004	1/2	131,723	1/2	142,443	1/2	151,636	1/2		1/2		1/2		1/2		1/2	
3/4	110,507	3/4	121,227	3/4	131,947	3/4	142,666	3/4	151,692	3/4		3/4		3/4		3/4		3/4	
7	110,731	7	121,450	7	132,170	7	142,890	7	151,748	7		7		7		7		7	
1/4	110,954	1/4	121,674	1/4	132,393	1/4	143,113	1/4	151,767	1/4		1/4		1/4		1/4		1/4	
1/2	111,177	1/2	121,897	1/2	132,617	1/2	143,336	1/2	151,785	1/2		1/2		1/2		1/2		1/2	
3/4	111,401	3/4	122,120	3/4	132,840	3/4	143,560	3/4	151,804	3/4		3/4		3/4		3/4		3/4	
8	111,624	8	122,344	8	133,063	8	143,783	8	151,823	8		8		8		8		8	
1/4	111,847	1/4	122,567	1/4	133,287	1/4	144,006	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,071	1/2	122,790	1/2	133,510	1/2	144,230	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,294	3/4	123,014	3/4	133,733	3/4	144,453	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,517	9	123,237	9	133,957	9	144,676	9		9		9		9		9		9	
1/4	112,741	1/4	123,460	1/4	134,180	1/4	144,900	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,964	1/2	123,684	1/2	134,403	1/2	145,123	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,187	3/4	123,907	3/4	134,627	3/4	145,346	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,411	10	124,130	10	134,850	10	145,569	10		10		10		10		10		10	
1/4	113,634	1/4	124,354	1/4	135,073	1/4	145,793	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,857	1/2	124,577	1/2	135,297	1/2	146,016	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,081	3/4	124,800	3/4	135,520	3/4	146,239	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,304	11	125,024	11	135,743	11	146,463	11		11		11		11		11		11	
1/4	114,527	1/4	125,247	1/4	135,966	1/4	146,686	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,751	1/2	125,470	1/2	136,190	1/2	146,909	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,974	3/4	125,694	3/4	136,413	3/4	147,133	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2020 CL
CALCULATED: 10/12/2020 CL
PRINTED: 10/12/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1014"

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	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
3 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

(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 - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

October 12, 2020

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

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BARGE "CBC 1014"

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	140,436	0	130,969	0	121,502	0	112,042	0	101,554	0	90,789	0	80,020		
1/4	1/4	1/4	1/4	1/4	140,239	1/4	130,772	1/4	121,305	1/4	111,845	1/4	101,330	1/4	90,565	1/4	79,796		
1/2	1/2	1/2	1/2	1/2	147,363	1/2	140,041	1/2	130,574	1/2	121,107	1/2	111,648	1/2	101,106	1/2	90,341	1/2	79,571
3/4	3/4	3/4	3/4	3/4	147,344	3/4	139,844	3/4	130,377	3/4	120,910	3/4	111,452	3/4	100,881	3/4	90,116	3/4	79,347
1	1	1	1	1	147,325	1	139,647	1	130,180	1	120,713	1	111,255	1	100,657	1	89,892	1	79,123
1/4	1/4	1/4	1/4	1/4	147,306	1/4	139,450	1/4	129,983	1/4	120,516	1/4	111,058	1/4	100,433	1/4	89,668	1/4	78,898
1/2	1/2	1/2	1/2	1/2	147,288	1/2	139,252	1/2	129,785	1/2	120,318	1/2	110,862	1/2	100,208	1/2	89,443	1/2	78,674
3/4	3/4	3/4	3/4	3/4	147,231	3/4	139,055	3/4	129,588	3/4	120,121	3/4	110,665	3/4	99,984	3/4	89,219	3/4	78,451
2	2	2	2	2	147,175	2	138,858	2	129,391	2	119,924	2	110,468	2	99,760	2	88,995	2	78,228
1/4	1/4	1/4	1/4	1/4	147,119	1/4	138,661	1/4	129,194	1/4	119,727	1/4	110,271	1/4	99,536	1/4	88,770	1/4	78,005
1/2	1/2	1/2	1/2	1/2	147,063	1/2	138,464	1/2	128,997	1/2	119,529	1/2	110,075	1/2	99,311	1/2	88,546	1/2	77,782
3/4	3/4	3/4	3/4	3/4	146,969	3/4	138,266	3/4	128,799	3/4	119,332	3/4	109,851	3/4	99,087	3/4	88,322	3/4	77,560
3	3	3	3	3	146,875	3	138,069	3	128,602	3	119,135	3	109,627	3	98,863	3	88,097	3	77,339
1/4	1/4	1/4	1/4	1/4	146,782	1/4	137,872	1/4	128,405	1/4	118,938	1/4	109,403	1/4	98,638	1/4	87,873	1/4	77,117
1/2	1/2	1/2	1/2	1/2	146,688	1/2	137,675	1/2	128,208	1/2	118,741	1/2	109,179	1/2	98,414	1/2	87,649	1/2	76,895
3/4	3/4	3/4	3/4	3/4	146,557	3/4	137,477	3/4	128,010	3/4	118,543	3/4	108,956	3/4	98,190	3/4	87,424	3/4	76,673
4	4	4	4	4	146,426	4	137,280	4	127,813	4	118,346	4	108,732	4	97,965	4	87,200	4	76,452
1/4	1/4	1/4	1/4	1/4	146,295	1/4	137,083	1/4	127,616	1/4	118,149	1/4	108,508	1/4	97,741	1/4	86,975	1/4	76,230
1/2	1/2	1/2	1/2	1/2	146,163	1/2	136,886	1/2	127,419	1/2	117,952	1/2	108,284	1/2	97,517	1/2	86,751	1/2	76,008
3/4	3/4	3/4	3/4	3/4	145,995	3/4	136,688	3/4	127,221	3/4	117,754	3/4	108,060	3/4	97,292	3/4	86,527	3/4	75,786
5	5	5	5	5	145,826	5	136,491	5	127,024	5	117,557	5	107,836	5	97,068	5	86,302	5	75,565
1/4	1/4	1/4	1/4	1/4	145,658	1/4	136,294	1/4	126,827	1/4	117,360	1/4	107,611	1/4	96,844	1/4	86,078	1/4	75,343
1/2	1/2	1/2	1/2	1/2	145,489	1/2	136,097	1/2	126,630	1/2	117,163	1/2	107,387	1/2	96,619	1/2	85,854	1/2	75,121
3/4	3/4	3/4	3/4	3/4	145,310	3/4	135,900	3/4	126,433	3/4	116,965	3/4	107,163	3/4	96,395	3/4	85,629	3/4	74,899
6	6	6	6	6	145,132	6	135,702	6	126,235	6	116,768	6	106,938	6	96,171	6	85,405	6	74,678
1/4	1/4	1/4	1/4	1/4	144,953	1/4	135,505	1/4	126,038	1/4	116,571	1/4	106,714	1/4	95,946	1/4	85,181	1/4	74,456
1/2	1/2	1/2	1/2	1/2	144,775	1/2	135,308	1/2	125,841	1/2	116,374	1/2	106,490	1/2	95,722	1/2	84,956	1/2	74,234
3/4	3/4	3/4	3/4	3/4	144,578	3/4	135,111	3/4	125,644	3/4	116,177	3/4	106,265	3/4	95,498	3/4	84,732	3/4	74,012
7	7	7	7	7	144,380	7	134,913	7	125,446	7	115,979	7	106,041	7	95,274	7	84,507	7	73,791
1/4	1/4	1/4	1/4	1/4	144,183	1/4	134,716	1/4	125,249	1/4	115,782	1/4	105,817	1/4	95,049	1/4	84,283	1/4	73,569
1/2	1/2	1/2	1/2	1/2	143,986	1/2	134,519	1/2	125,052	1/2	115,585	1/2	105,592	1/2	94,825	1/2	84,059	1/2	73,347
3/4	3/4	3/4	3/4	3/4	143,789	3/4	134,322	3/4	124,855	3/4	115,388	3/4	105,368	3/4	94,601	3/4	83,834	3/4	73,125
8	8	8	8	8	143,592	8	134,124	8	124,657	8	115,190	8	105,144	8	94,377	8	83,610	8	72,903
1/4	1/4	1/4	1/4	1/4	143,394	1/4	133,927	1/4	124,460	1/4	114,993	1/4	104,919	1/4	94,152	1/4	83,386	1/4	72,682
1/2	1/2	1/2	1/2	1/2	143,197	1/2	133,730	1/2	124,263	1/2	114,796	1/2	104,695	1/2	93,928	1/2	83,161	1/2	72,460
3/4	3/4	3/4	3/4	3/4	143,000	3/4	133,533	3/4	124,066	3/4	114,599	3/4	104,471	3/4	93,704	3/4	82,937	3/4	72,238
9	9	9	9	9	142,803	9	133,336	9	123,869	9	114,402	9	104,246	9	93,480	9	82,713	9	72,016
1/4	1/4	1/4	1/4	1/4	142,605	1/4	133,138	1/4	123,671	1/4	114,206	1/4	104,022	1/4	93,256	1/4	82,488	1/4	71,795
1/2	1/2	1/2	1/2	1/2	142,408	1/2	132,941	1/2	123,474	1/2	114,009	1/2	103,798	1/2	93,031	1/2	82,264	1/2	71,573
3/4	3/4	3/4	3/4	3/4	142,211	3/4	132,744	3/4	123,277	3/4	113,812	3/4	103,573	3/4	92,807	3/4	82,039	3/4	71,350
10	10	10	10	10	142,014	10	132,547	10	123,080	10	113,616	10	103,349	10	92,583	10	81,815	10	71,127
1/4	1/4	1/4	1/4	1/4	141,816	1/4	132,349	1/4	122,882	1/4	113,419	1/4	103,125	1/4	92,359	1/4	81,591	1/4	70,903
1/2	1/2	1/2	1/2	1/2	141,619	1/2	132,152	1/2	122,685	1/2	113,222	1/2	102,900	1/2	92,135	1/2	81,366	1/2	70,680
3/4	3/4	3/4	3/4	3/4	141,422	3/4	131,955	3/4	122,488	3/4	113,025	3/4	102,676	3/4	91,910	3/4	81,142	3/4	70,457
11	11	11	11	11	141,225	11	131,758	11	122,291	11	112,829	11	102,452	11	91,686	11	80,918	11	70,233
1/4	1/4	1/4	1/4	1/4	141,028	1/4	131,560	1/4	122,093	1/4	112,632	1/4	102,227	1/4	91,462	1/4	80,693	1/4	70,009
1/2	1/2	1/2	1/2	1/2	140,830	1/2	131,363	1/2	121,896	1/2	112,435	1/2	102,003	1/2	91,238	1/2	80,469	1/2	69,786
3/4	3/4	3/4	3/4	3/4	140,633	3/4	131,166	3/4	121,699	3/4	112,239	3/4	101,779	3/4	91,013	3/4	80,245	3/4	69,562

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'-06" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1014"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	69,338	0	58,576	0	47,812	0	37,049	0	26,491	0	15,734	0	4,948	0		0		0	
1/4	69,115	1/4	58,352	1/4	47,588	1/4	36,825	1/4	26,272	1/4	15,509	1/4	4,725	1/4	1/4	1/4		1/4	
1/2	68,891	1/2	58,127	1/2	47,364	1/2	36,601	1/2	26,053	1/2	15,285	1/2	4,501	1/2	1/2	1/2		1/2	
3/4	68,667	3/4	57,903	3/4	47,139	3/4	36,377	3/4	25,834	3/4	15,060	3/4	4,279	3/4	3/4	3/4		3/4	
1	68,442	1	57,679	1	46,915	1	36,153	1	25,615	1	14,835	1	4,057	1	1	1		1	
1/4	68,218	1/4	57,455	1/4	46,691	1/4	35,929	1/4	25,397	1/4	14,610	1/4	3,834	1/4	1/4	1/4		1/4	
1/2	67,994	1/2	57,230	1/2	46,467	1/2	35,705	1/2	25,178	1/2	14,385	1/2	3,612	1/2	1/2	1/2		1/2	
3/4	67,770	3/4	57,006	3/4	46,242	3/4	35,481	3/4	24,953	3/4	14,160	3/4	3,392	3/4	3/4	3/4		3/4	
2	67,546	2	56,782	2	46,018	2	35,258	2	24,728	2	13,936	2	3,171	2	2	2		2	
1/4	67,321	1/4	56,558	1/4	45,794	1/4	35,034	1/4	24,503	1/4	13,711	1/4	2,951	1/4	1/4	1/4		1/4	
1/2	67,097	1/2	56,333	1/2	45,570	1/2	34,810	1/2	24,278	1/2	13,486	1/2	2,731	1/2	1/2	1/2		1/2	
3/4	66,873	3/4	56,109	3/4	45,346	3/4	34,587	3/4	24,054	3/4	13,261	3/4	2,525	3/4	3/4	3/4		3/4	
3	66,649	3	55,885	3	45,121	3	34,363	3	23,829	3	13,036	3	2,320	3	3	3		3	
1/4	66,424	1/4	55,661	1/4	44,897	1/4	34,140	1/4	23,604	1/4	12,811	1/4	2,114	1/4	1/4	1/4		1/4	
1/2	66,200	1/2	55,436	1/2	44,673	1/2	33,916	1/2	23,379	1/2	12,586	1/2	1,908	1/2	1/2	1/2		1/2	
3/4	65,976	3/4	55,212	3/4	44,449	3/4	33,698	3/4	23,154	3/4	12,362	3/4	1,740	3/4	3/4	3/4		3/4	
4	65,752	4	54,988	4	44,224	4	33,480	4	22,929	4	12,137	4	1,571	4	4	4		4	
1/4	65,527	1/4	54,764	1/4	44,000	1/4	33,261	1/4	22,705	1/4	11,912	1/4	1,403	1/4	1/4	1/4		1/4	
1/2	65,303	1/2	54,539	1/2	43,776	1/2	33,043	1/2	22,480	1/2	11,687	1/2	1,234	1/2	1/2	1/2		1/2	
3/4	65,079	3/4	54,315	3/4	43,552	3/4	32,825	3/4	22,255	3/4	11,462	3/4	1,103	3/4	3/4	3/4		3/4	
5	64,855	5	54,091	5	43,327	5	32,607	5	22,030	5	11,237	5	972	5	5	5		5	
1/4	64,630	1/4	53,867	1/4	43,103	1/4	32,389	1/4	21,805	1/4	11,013	1/4	840	1/4	1/4	1/4		1/4	
1/2	64,406	1/2	53,642	1/2	42,879	1/2	32,170	1/2	21,580	1/2	10,788	1/2	709	1/2	1/2	1/2		1/2	
3/4	64,182	3/4	53,418	3/4	42,655	3/4	31,952	3/4	21,355	3/4	10,563	3/4	616	3/4	3/4	3/4		3/4	
6	63,958	6	53,194	6	42,430	6	31,734	6	21,131	6	10,338	6	522	6	6	6		6	
1/4	63,733	1/4	52,970	1/4	42,206	1/4	31,516	1/4	20,906	1/4	10,113	1/4	428	1/4	1/4	1/4		1/4	
1/2	63,509	1/2	52,746	1/2	41,982	1/2	31,297	1/2	20,681	1/2	9,888	1/2	335	1/2	1/2	1/2		1/2	
3/4	63,285	3/4	52,521	3/4	41,758	3/4	31,079	3/4	20,456	3/4	9,663	3/4	278	3/4	3/4	3/4		3/4	
7	63,061	7	52,297	7	41,534	7	30,861	7	20,231	7	9,439	7	222	7	7	7		7	
1/4	62,836	1/4	52,073	1/4	41,309	1/4	30,643	1/4	20,006	1/4	9,214	1/4	166	1/4	1/4	1/4		1/4	
1/2	62,612	1/2	51,849	1/2	41,085	1/2	30,425	1/2	19,782	1/2	8,989	1/2	110	1/2	1/2	1/2		1/2	
3/4	62,388	3/4	51,624	3/4	40,861	3/4	30,206	3/4	19,557	3/4	8,764	3/4	91	3/4	3/4	3/4		3/4	
8	62,164	8	51,400	8	40,637	8	29,988	8	19,332	8	8,539	8	72	8	8	8		8	
1/4	61,939	1/4	51,176	1/4	40,412	1/4	29,770	1/4	19,107	1/4	8,314	1/4	54	1/4	1/4	1/4		1/4	
1/2	61,715	1/2	50,952	1/2	40,188	1/2	29,552	1/2	18,882	1/2	8,090	1/2	35	1/2	1/2	1/2		1/2	
3/4	61,491	3/4	50,727	3/4	39,964	3/4	29,333	3/4	18,657	3/4	7,865	3/4		3/4	3/4	3/4		3/4	
9	61,267	9	50,503	9	39,740	9	29,115	9	18,432	9	7,640	9		9	9	9		9	
1/4	61,042	1/4	50,279	1/4	39,516	1/4	28,896	1/4	18,208	1/4	7,415	1/4		1/4	1/4	1/4		1/4	
1/2	60,818	1/2	50,055	1/2	39,291	1/2	28,678	1/2	17,983	1/2	7,190	1/2		1/2	1/2	1/2		1/2	
3/4	60,594	3/4	49,830	3/4	39,067	3/4	28,459	3/4	17,758	3/4	6,966	3/4		3/4	3/4	3/4		3/4	
10	60,370	10	49,606	10	38,843	10	28,240	10	17,533	10	6,741	10		10	10	10		10	
1/4	60,146	1/4	49,382	1/4	38,619	1/4	28,022	1/4	17,308	1/4	6,516	1/4		1/4	1/4	1/4		1/4	
1/2	59,921	1/2	49,158	1/2	38,394	1/2	27,803	1/2	17,083	1/2	6,292	1/2		1/2	1/2	1/2		1/2	
3/4	59,697	3/4	48,933	3/4	38,170	3/4	27,584	3/4	16,859	3/4	6,067	3/4		3/4	3/4	3/4		3/4	
11	59,473	11	48,709	11	37,946	11	27,366	11	16,634	11	5,843	11		11	11	11		11	
1/4	59,249	1/4	48,485	1/4	37,722	1/4	27,147	1/4	16,409	1/4	5,619	1/4		1/4	1/4	1/4		1/4	
1/2	59,024	1/2	48,261	1/2	37,498	1/2	26,928	1/2	16,184	1/2	5,395	1/2		1/2	1/2	1/2		1/2	
3/4	58,800	3/4	48,036	3/4	37,273	3/4	26,709	3/4	15,959	3/4	5,171	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2020 CL
CALCULATED: 10/12/2020 CL
PRINTED: 10/12/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2020

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



BARGE "CBC 1014"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	163,024	0	150,925	0	138,827	0	126,728	0	114,630	0	102,531	0	90,432
1/4		1/4		1/4		1/4	162,772	1/4	150,673	1/4	138,575	1/4	126,476	1/4	114,377	1/4	102,279	1/4	90,180
1/2		1/2		1/2		1/2	162,520	1/2	150,421	1/2	138,322	1/2	126,224	1/2	114,125	1/2	102,027	1/2	89,928
3/4		3/4		3/4		3/4	162,267	3/4	150,169	3/4	138,070	3/4	125,972	3/4	113,873	3/4	101,775	3/4	89,676
1		1		1		1	171,089	1	162,015	1	149,917	1	137,818	1	125,720	1	113,621	1	101,523
1/4		1/4		1/4		1/4	171,068	1/4	161,763	1/4	149,665	1/4	137,566	1/4	113,369	1/4	101,271	1/4	89,172
1/2		1/2		1/2		1/2	171,047	1/2	161,511	1/2	149,413	1/2	137,314	1/2	113,117	1/2	101,019	1/2	88,920
3/4		3/4		3/4		3/4	171,026	3/4	161,259	3/4	149,161	3/4	137,062	3/4	112,865	3/4	100,767	3/4	88,668
2		2		2		2	171,005	2	161,007	2	148,909	2	136,810	2	124,712	2	112,613	2	100,515
1/4		1/4		1/4		1/4	170,942	1/4	160,755	1/4	148,657	1/4	136,558	1/4	124,460	1/4	112,361	1/4	100,263
1/2		1/2		1/2		1/2	170,879	1/2	160,503	1/2	148,405	1/2	136,306	1/2	124,208	1/2	112,109	1/2	100,010
3/4		3/4		3/4		3/4	170,816	3/4	160,251	3/4	148,153	3/4	136,054	3/4	123,955	3/4	111,857	3/4	99,758
3		3		3		3	170,753	3	159,999	3	147,900	3	135,802	3	123,703	3	111,605	3	99,506
1/4		1/4		1/4		1/4	170,648	1/4	159,747	1/4	147,648	1/4	135,550	1/4	123,451	1/4	111,353	1/4	99,254
1/2		1/2		1/2		1/2	170,543	1/2	159,495	1/2	147,396	1/2	135,298	1/2	123,199	1/2	111,101	1/2	99,002
3/4		3/4		3/4		3/4	170,438	3/4	159,243	3/4	147,144	3/4	135,046	3/4	122,947	3/4	110,849	3/4	98,750
4		4		4		4	170,333	4	158,991	4	146,892	4	134,794	4	122,695	4	110,597	4	98,498
1/4		1/4		1/4		1/4	170,186	1/4	158,739	1/4	146,640	1/4	134,542	1/4	122,443	1/4	110,345	1/4	98,246
1/2		1/2		1/2		1/2	170,039	1/2	158,487	1/2	146,388	1/2	134,290	1/2	122,191	1/2	110,093	1/2	97,994
3/4		3/4		3/4		3/4	169,892	3/4	158,235	3/4	146,136	3/4	134,038	3/4	121,939	3/4	109,841	3/4	97,742
5		5		5		5	169,745	5	157,983	5	145,884	5	133,786	5	121,687	5	109,588	5	97,490
1/4		1/4		1/4		1/4	169,556	1/4	157,731	1/4	145,632	1/4	133,533	1/4	121,435	1/4	109,336	1/4	97,238
1/2		1/2		1/2		1/2	169,367	1/2	157,478	1/2	145,380	1/2	133,281	1/2	121,183	1/2	109,084	1/2	96,986
3/4		3/4		3/4		3/4	169,178	3/4	157,226	3/4	145,128	3/4	133,029	3/4	120,931	3/4	108,832	3/4	96,734
6		6		6		6	168,989	6	156,974	6	144,876	6	132,777	6	120,679	6	108,580	6	96,482
1/4		1/4		1/4		1/4	168,758	1/4	156,722	1/4	144,624	1/4	132,525	1/4	120,427	1/4	108,328	1/4	96,230
1/2		1/2		1/2		1/2	168,527	1/2	156,470	1/2	144,372	1/2	132,273	1/2	120,175	1/2	108,076	1/2	95,978
3/4		3/4		3/4		3/4	168,296	3/4	156,218	3/4	144,120	3/4	132,021	3/4	119,923	3/4	107,824	3/4	95,726
7		7		7		7	168,065	7	155,966	7	143,868	7	131,769	7	119,671	7	107,572	7	95,474
1/4		1/4		1/4		1/4	167,813	1/4	155,714	1/4	143,616	1/4	131,517	1/4	119,419	1/4	107,320	1/4	95,221
1/2		1/2		1/2		1/2	167,561	1/2	155,462	1/2	143,364	1/2	131,265	1/2	119,166	1/2	107,068	1/2	94,969
3/4		3/4		3/4		3/4	167,309	3/4	155,210	3/4	143,111	3/4	131,013	3/4	118,914	3/4	106,816	3/4	94,717
8		8		8		8	167,056	8	154,958	8	142,859	8	130,761	8	118,662	8	106,564	8	94,465
1/4		1/4		1/4		1/4	166,804	1/4	154,706	1/4	142,607	1/4	130,509	1/4	118,410	1/4	106,312	1/4	94,213
1/2		1/2		1/2		1/2	166,552	1/2	154,454	1/2	142,355	1/2	130,257	1/2	118,158	1/2	106,060	1/2	93,961
3/4		3/4		3/4		3/4	166,300	3/4	154,202	3/4	142,103	3/4	130,005	3/4	117,906	3/4	105,808	3/4	93,709
9		9		9		9	166,048	9	153,950	9	141,851	9	129,753	9	117,654	9	105,556	9	93,457
1/4		1/4		1/4		1/4	165,796	1/4	153,698	1/4	141,599	1/4	129,501	1/4	117,402	1/4	105,304	1/4	93,205
1/2		1/2		1/2		1/2	165,544	1/2	153,446	1/2	141,347	1/2	129,249	1/2	117,150	1/2	105,052	1/2	92,953
3/4		3/4		3/4		3/4	165,292	3/4	153,194	3/4	141,095	3/4	128,997	3/4	116,898	3/4	104,799	3/4	92,701
10		10		10		10	165,040	10	152,942	10	140,843	10	128,744	10	116,646	10	104,547	10	92,449
1/4		1/4		1/4		1/4	164,788	1/4	152,689	1/4	140,591	1/4	128,492	1/4	116,394	1/4	104,295	1/4	92,197
1/2		1/2		1/2		1/2	164,536	1/2	152,437	1/2	140,339	1/2	128,240	1/2	116,142	1/2	104,043	1/2	91,945
3/4		3/4		3/4		3/4	164,284	3/4	152,185	3/4	140,087	3/4	127,988	3/4	115,890	3/4	103,791	3/4	91,693
11		11		11		11	164,032	11	151,933	11	139,835	11	127,736	11	115,638	11	103,539	11	91,441
1/4		1/4		1/4		1/4	163,780	1/4	151,681	1/4	139,583	1/4	127,484	1/4	115,386	1/4	103,287	1/4	91,189
1/2		1/2		1/2		1/2	163,528	1/2	151,429	1/2	139,331	1/2	127,232	1/2	115,134	1/2	103,035	1/2	90,937
3/4		3/4		3/4		3/4	163,276	3/4	151,177	3/4	139,079	3/4	126,980	3/4	114,882	3/4	102,783	3/4	90,685

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1014"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	78,082	1/4	65,983	1/4	53,885	1/4	41,786	1/4	29,935	1/4	17,886	1/4	5,793	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,830	1/2	65,731	1/2	53,633	1/2	41,534	1/2	29,690	1/2	17,634	1/2	5,543	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,578	3/4	65,479	3/4	53,381	3/4	41,282	3/4	29,445	3/4	17,382	3/4	5,292	3/4	3/4	3/4	3/4	3/4	3/4
1	77,326	1	65,227	1	53,129	1	41,030	1	29,200	1	17,130	1	5,042	1	1	1	1	1	1
1/4	77,074	1/4	64,975	1/4	52,877	1/4	40,778	1/4	28,955	1/4	16,878	1/4	4,792	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,822	1/2	64,723	1/2	52,625	1/2	40,526	1/2	28,710	1/2	16,626	1/2	4,543	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,570	3/4	64,471	3/4	52,373	3/4	40,274	3/4	28,465	3/4	16,374	3/4	4,294	3/4	3/4	3/4	3/4	3/4	3/4
2	76,318	2	64,219	2	52,120	2	40,022	2	28,220	2	16,122	2	4,045	2	2	2	2	2	2
1/4	76,065	1/4	63,967	1/4	51,868	1/4	39,770	1/4	27,968	1/4	15,870	1/4	3,798	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,813	1/2	63,715	1/2	51,616	1/2	39,518	1/2	27,716	1/2	15,618	1/2	3,551	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,561	3/4	63,463	3/4	51,364	3/4	39,266	3/4	27,464	3/4	15,365	3/4	3,304	3/4	3/4	3/4	3/4	3/4	3/4
3	75,309	3	63,211	3	51,112	3	39,014	3	27,212	3	15,113	3	3,057	3	3	3	3	3	3
1/4	75,057	1/4	62,959	1/4	50,860	1/4	38,762	1/4	26,959	1/4	14,861	1/4	2,826	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,805	1/2	62,707	1/2	50,608	1/2	38,510	1/2	26,707	1/2	14,609	1/2	2,596	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,553	3/4	62,455	3/4	50,356	3/4	38,258	3/4	26,455	3/4	14,357	3/4	2,366	3/4	3/4	3/4	3/4	3/4	3/4
4	74,301	4	62,203	4	50,104	4	38,006	4	26,203	4	14,105	4	2,135	4	4	4	4	4	4
1/4	74,049	1/4	61,951	1/4	49,852	1/4	37,761	1/4	25,951	1/4	13,853	1/4	1,946	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,797	1/2	61,698	1/2	49,600	1/2	37,516	1/2	25,699	1/2	13,601	1/2	1,757	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,545	3/4	61,446	3/4	49,348	3/4	37,272	3/4	25,447	3/4	13,349	3/4	1,568	3/4	3/4	3/4	3/4	3/4	3/4
5	73,293	5	61,194	5	49,096	5	37,027	5	25,195	5	13,097	5	1,379	5	5	5	5	5	5
1/4	73,041	1/4	60,942	1/4	48,844	1/4	36,783	1/4	24,943	1/4	12,845	1/4	1,232	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,789	1/2	60,690	1/2	48,592	1/2	36,538	1/2	24,691	1/2	12,593	1/2	1,085	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,537	3/4	60,438	3/4	48,340	3/4	36,294	3/4	24,439	3/4	12,341	3/4	938	3/4	3/4	3/4	3/4	3/4	3/4
6	72,285	6	60,186	6	48,088	6	36,049	6	24,187	6	12,089	6	791	6	6	6	6	6	6
1/4	72,033	1/4	59,934	1/4	47,836	1/4	35,804	1/4	23,935	1/4	11,837	1/4	686	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,781	1/2	59,682	1/2	47,584	1/2	35,560	1/2	23,683	1/2	11,585	1/2	581	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,529	3/4	59,430	3/4	47,331	3/4	35,315	3/4	23,431	3/4	11,333	3/4	476	3/4	3/4	3/4	3/4	3/4	3/4
7	71,276	7	59,178	7	47,079	7	35,071	7	23,179	7	11,081	7	371	7	7	7	7	7	7
1/4	71,024	1/4	58,926	1/4	46,827	1/4	34,826	1/4	22,927	1/4	10,829	1/4	308	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,772	1/2	58,674	1/2	46,575	1/2	34,582	1/2	22,675	1/2	10,577	1/2	245	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,520	3/4	58,422	3/4	46,323	3/4	34,337	3/4	22,423	3/4	10,325	3/4	182	3/4	3/4	3/4	3/4	3/4	3/4
8	70,268	8	58,170	8	46,071	8	34,093	8	22,171	8	10,073	8	119	8	8	8	8	8	8
1/4	70,016	1/4	57,918	1/4	45,819	1/4	33,848	1/4	21,919	1/4	9,821	1/4	98	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,764	1/2	57,666	1/2	45,567	1/2	33,603	1/2	21,667	1/2	9,568	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,512	3/4	57,414	3/4	45,315	3/4	33,359	3/4	21,415	3/4	9,316	3/4	56	3/4	3/4	3/4	3/4	3/4	3/4
9	69,260	9	57,162	9	45,063	9	33,114	9	21,162	9	9,064	9	35	9	9	9	9	9	9
1/4	69,008	1/4	56,909	1/4	44,811	1/4	32,870	1/4	20,910	1/4	8,812	1/4	---	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,756	1/2	56,657	1/2	44,559	1/2	32,625	1/2	20,658	1/2	8,560	1/2	---	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,504	3/4	56,405	3/4	44,307	3/4	32,381	3/4	20,406	3/4	8,308	3/4	---	3/4	3/4	3/4	3/4	3/4	3/4
10	68,252	10	56,153	10	44,055	10	32,136	10	20,154	10	8,056	10	---	10	10	10	10	10	10
1/4	68,000	1/4	55,901	1/4	43,803	1/4	31,891	1/4	19,902	1/4	7,804	1/4	---	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,748	1/2	55,649	1/2	43,551	1/2	31,647	1/2	19,650	1/2	7,553	1/2	---	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,496	3/4	55,397	3/4	43,299	3/4	31,402	3/4	19,398	3/4	7,301	3/4	---	3/4	3/4	3/4	3/4	3/4	3/4
11	67,244	11	55,145	11	43,047	11	31,158	11	19,146	11	7,049	11	---	11	11	11	11	11	11
1/4	66,992	1/4	54,893	1/4	42,795	1/4	30,913	1/4	18,894	1/4	6,798	1/4	---	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,740	1/2	54,641	1/2	42,542	1/2	30,669	1/2	18,642	1/2	6,546	1/2	---	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,487	3/4	54,389	3/4	42,290	3/4	30,424	3/4	18,390	3/4	6,295	3/4	---	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2020 CL
CALCULATED: 10/12/2020 CL
PRINTED: 10/12/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1014"

3 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	0	0	0	0	144,006	0	133,287	0	122,567	0	111,847	0	101,128	0	90,408	0	79,688
1/4		1/4		1/4	151,823	1/4	143,783	1/4	132,063	1/4	122,344	1/4	111,624	1/4	100,904	1/4	90,185	1/4	79,465
1/2		1/2		1/2	151,804	1/2	143,560	1/2	132,840	1/2	122,120	1/2	111,401	1/2	100,681	1/2	89,961	1/2	79,242
3/4		3/4		3/4	151,785	3/4	143,336	3/4	132,617	3/4	121,897	3/4	111,177	3/4	100,458	3/4	89,738	3/4	79,019
1	1	1	1	1	151,767	1	143,113	1	132,393	1	121,674	1	110,954	1	100,234	1	89,515	1	78,795
1/4		1/4		1/4	151,748	1/4	142,890	1/4	132,170	1/4	121,450	1/4	110,731	1/4	100,011	1/4	89,291	1/4	78,572
1/2		1/2		1/2	151,692	1/2	142,666	1/2	131,947	1/2	121,227	1/2	110,507	1/2	99,788	1/2	89,068	1/2	78,349
3/4		3/4		3/4	151,636	3/4	142,443	3/4	131,723	3/4	121,004	3/4	110,284	3/4	99,564	3/4	88,845	3/4	78,125
2	2	2	2	2	151,581	2	142,220	2	131,500	2	120,780	2	110,061	2	99,341	2	88,622	2	77,902
1/4		1/4		1/4	151,525	1/4	141,996	1/4	131,277	1/4	120,557	1/4	109,837	1/4	99,118	1/4	88,398	1/4	77,679
1/2		1/2		1/2	151,432	1/2	141,773	1/2	131,053	1/2	120,334	1/2	109,614	1/2	98,894	1/2	88,175	1/2	77,455
3/4		3/4		3/4	151,339	3/4	141,550	3/4	130,830	3/4	120,110	3/4	109,391	3/4	98,671	3/4	87,952	3/4	77,232
3	3	3	3	3	151,246	3	141,326	3	130,607	3	119,887	3	109,167	3	98,448	3	87,728	3	77,009
1/4		1/4		1/4	151,153	1/4	141,103	1/4	130,383	1/4	119,664	1/4	108,944	1/4	98,225	1/4	87,505	1/4	76,785
1/2		1/2		1/2	151,022	1/2	140,880	1/2	130,160	1/2	119,440	1/2	108,721	1/2	98,001	1/2	87,282	1/2	76,562
3/4		3/4		3/4	150,892	3/4	140,656	3/4	129,937	3/4	119,217	3/4	108,497	3/4	97,778	3/4	87,058	3/4	76,339
4	4	4	4	4	150,762	4	140,433	4	129,713	4	118,994	4	108,274	4	97,555	4	86,835	4	76,115
1/4		1/4		1/4	150,631	1/4	140,210	1/4	129,490	1/4	118,770	1/4	108,051	1/4	97,331	1/4	86,612	1/4	75,892
1/2		1/2		1/2	150,464	1/2	139,986	1/2	129,267	1/2	118,547	1/2	107,827	1/2	97,108	1/2	86,388	1/2	75,669
3/4		3/4		3/4	150,297	3/4	139,763	3/4	129,043	3/4	118,324	3/4	107,604	3/4	96,885	3/4	86,165	3/4	75,445
5	5	5	5	5	150,129	5	139,540	5	128,820	5	118,100	5	107,381	5	96,661	5	85,942	5	75,222
1/4		1/4		1/4	149,962	1/4	139,316	1/4	128,597	1/4	117,877	1/4	107,158	1/4	96,438	1/4	85,718	1/4	74,999
1/2		1/2		1/2	149,757	1/2	139,093	1/2	128,373	1/2	117,654	1/2	106,934	1/2	96,215	1/2	85,495	1/2	74,775
3/4		3/4		3/4	149,552	3/4	138,870	3/4	128,150	3/4	117,430	3/4	106,711	3/4	95,991	3/4	85,272	3/4	74,552
6	6	6	6	6	149,347	6	138,646	6	127,927	6	117,207	6	106,488	6	95,768	6	85,048	6	74,329
1/4		1/4		1/4	149,143	1/4	138,423	1/4	127,703	1/4	116,984	1/4	106,264	1/4	95,545	1/4	84,825	1/4	74,105
1/2		1/2		1/2	148,919	1/2	138,200	1/2	127,480	1/2	116,761	1/2	106,041	1/2	95,321	1/2	84,602	1/2	73,882
3/4		3/4		3/4	148,696	3/4	137,976	3/4	127,257	3/4	116,537	3/4	105,818	3/4	95,098	3/4	84,378	3/4	73,659
7	7	7	7	7	148,473	7	137,753	7	127,033	7	116,314	7	105,594	7	94,875	7	84,155	7	73,435
1/4		1/4		1/4	148,249	1/4	137,530	1/4	126,810	1/4	116,091	1/4	105,371	1/4	94,651	1/4	83,932	1/4	73,212
1/2		1/2		1/2	148,026	1/2	137,306	1/2	126,587	1/2	115,867	1/2	105,148	1/2	94,428	1/2	83,708	1/2	72,989
3/4		3/4		3/4	147,803	3/4	137,083	3/4	126,364	3/4	115,644	3/4	104,924	3/4	94,205	3/4	83,485	3/4	72,765
8	8	8	8	8	147,579	8	136,860	8	126,140	8	115,421	8	104,701	8	93,981	8	83,262	8	72,542
1/4		1/4		1/4	147,356	1/4	136,636	1/4	125,917	1/4	115,197	1/4	104,478	1/4	93,758	1/4	83,038	1/4	72,319
1/2		1/2		1/2	147,133	1/2	136,413	1/2	125,694	1/2	114,974	1/2	104,254	1/2	93,535	1/2	82,815	1/2	72,095
3/4		3/4		3/4	146,909	3/4	136,190	3/4	125,470	3/4	114,751	3/4	104,031	3/4	93,311	3/4	82,592	3/4	71,872
9	9	9	9	9	146,686	9	135,966	9	125,247	9	114,527	9	103,808	9	93,088	9	82,368	9	71,649
1/4		1/4		1/4	146,463	1/4	135,743	1/4	125,024	1/4	114,304	1/4	103,584	1/4	92,865	1/4	82,145	1/4	71,425
1/2		1/2		1/2	146,239	1/2	135,520	1/2	124,800	1/2	114,081	1/2	103,361	1/2	92,641	1/2	81,922	1/2	71,202
3/4		3/4		3/4	146,016	3/4	135,297	3/4	124,577	3/4	113,857	3/4	103,138	3/4	92,418	3/4	81,698	3/4	70,979
10	10	10	10	10	145,793	10	135,073	10	124,354	10	113,634	10	102,914	10	92,195	10	81,475	10	70,755
1/4		1/4		1/4	145,569	1/4	134,850	1/4	124,130	1/4	113,411	1/4	102,691	1/4	91,971	1/4	81,252	1/4	70,532
1/2		1/2		1/2	145,346	1/2	134,627	1/2	123,907	1/2	113,187	1/2	102,468	1/2	91,748	1/2	81,028	1/2	70,309
3/4		3/4		3/4	145,123	3/4	134,403	3/4	123,684	3/4	112,964	3/4	102,244	3/4	91,525	3/4	80,805	3/4	70,086
11	11	11	11	11	144,900	11	134,180	11	123,460	11	112,741	11	102,021	11	91,301	11	80,582	11	69,862
1/4		1/4		1/4	144,676	1/4	133,957	1/4	123,237	1/4	112,517	1/4	101,798	1/4	91,078	1/4	80,358	1/4	69,639
1/2		1/2		1/2	144,453	1/2	133,733	1/2	123,014	1/2	112,294	1/2	101,574	1/2	90,855	1/2	80,135	1/2	69,416
3/4		3/4		3/4	144,230	3/4	133,510	3/4	122,790	3/4	112,071	3/4	101,351	3/4	90,631	3/4	79,912	3/4	69,192

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 22'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1014"

3 CENTER ULLAGE 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										
	68,969		58,249		47,530		36,810		26,121		15,405		4,693						
1/4	68,746	1/4	58,026	1/4	47,306	1/4	36,587	1/4	25,898	1/4	15,181	1/4	4,471	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,522	1/2	57,803	1/2	47,083	1/2	36,363	1/2	25,676	1/2	14,958	1/2	4,250	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,299	3/4	57,579	3/4	46,860	3/4	36,140	3/4	25,453	3/4	14,735	3/4	4,029	3/4	3/4	3/4	3/4	3/4	3/4
1	68,076	1	57,356	1	46,636	1	35,917	1	25,230	1	14,511	1	3,809	1	1	1	1	1	1
1/4	67,852	1/4	57,133	1/4	46,413	1/4	35,693	1/4	25,007	1/4	14,288	1/4	3,588	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,629	1/2	56,909	1/2	46,190	1/2	35,470	1/2	24,784	1/2	14,065	1/2	3,369	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,406	3/4	56,686	3/4	45,966	3/4	35,247	3/4	24,561	3/4	13,841	3/4	3,150	3/4	3/4	3/4	3/4	3/4	3/4
2	67,182	2	56,463	2	45,743	2	35,023	2	24,337	2	13,618	2	2,931	2	2	2	2	2	2
1/4	66,959	1/4	56,239	1/4	45,520	1/4	34,800	1/4	24,114	1/4	13,395	1/4	2,712	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,736	1/2	56,016	1/2	45,296	1/2	34,577	1/2	23,891	1/2	13,171	1/2	2,508	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,512	3/4	55,793	3/4	45,073	3/4	34,353	3/4	23,667	3/4	12,948	3/4	2,304	3/4	3/4	3/4	3/4	3/4	3/4
3	66,289	3	55,569	3	44,850	3	34,130	3	23,444	3	12,725	3	2,100	3	3	3	3	3	3
1/4	66,066	1/4	55,346	1/4	44,626	1/4	33,907	1/4	23,221	1/4	12,501	1/4	1,896	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,842	1/2	55,123	1/2	44,403	1/2	33,684	1/2	22,997	1/2	12,278	1/2	1,728	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,619	3/4	54,899	3/4	44,180	3/4	33,462	3/4	22,774	3/4	12,055	3/4	1,561	3/4	3/4	3/4	3/4	3/4	3/4
4	65,396	4	54,676	4	43,956	4	33,240	4	22,551	4	11,832	4	1,393	4	4	4	4	4	4
1/4	65,172	1/4	54,453	1/4	43,733	1/4	33,017	1/4	22,327	1/4	11,608	1/4	1,226	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,949	1/2	54,229	1/2	43,510	1/2	32,795	1/2	22,104	1/2	11,385	1/2	1,096	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,726	3/4	54,006	3/4	43,286	3/4	32,572	3/4	21,881	3/4	11,162	3/4	965	3/4	3/4	3/4	3/4	3/4	3/4
5	64,502	5	53,783	5	43,063	5	32,350	5	21,657	5	10,938	5	835	5	5	5	5	5	5
1/4	64,279	1/4	53,559	1/4	42,840	1/4	32,128	1/4	21,434	1/4	10,715	1/4	705	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,056	1/2	53,336	1/2	42,616	1/2	31,905	1/2	21,211	1/2	10,492	1/2	612	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,832	3/4	53,113	3/4	42,393	3/4	31,683	3/4	20,987	3/4	10,268	3/4	519	3/4	3/4	3/4	3/4	3/4	3/4
6	63,609	6	52,889	6	42,170	6	31,460	6	20,764	6	10,045	6	426	6	6	6	6	6	6
1/4	63,386	1/4	52,666	1/4	41,947	1/4	31,238	1/4	20,541	1/4	9,822	1/4	333	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,162	1/2	52,443	1/2	41,723	1/2	31,015	1/2	20,318	1/2	9,598	1/2	277	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,939	3/4	52,219	3/4	41,500	3/4	30,793	3/4	20,094	3/4	9,375	3/4	221	3/4	3/4	3/4	3/4	3/4	3/4
7	62,716	7	51,996	7	41,277	7	30,571	7	19,871	7	9,152	7	165	7	7	7	7	7	7
1/4	62,492	1/4	51,773	1/4	41,053	1/4	30,348	1/4	19,648	1/4	8,928	1/4	109	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,269	1/2	51,549	1/2	40,830	1/2	30,126	1/2	19,424	1/2	8,705	1/2	91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,046	3/4	51,326	3/4	40,607	3/4	29,903	3/4	19,201	3/4	8,482	3/4	72	3/4	3/4	3/4	3/4	3/4	3/4
8	61,822	8	51,103	8	40,383	8	29,681	8	18,978	8	8,258	8	54	8	8	8	8	8	8
1/4	61,599	1/4	50,880	1/4	40,160	1/4	29,459	1/4	18,754	1/4	8,035	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,376	1/2	50,656	1/2	39,937	1/2	29,236	1/2	18,531	1/2	7,812	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,152	3/4	50,433	3/4	39,713	3/4	29,014	3/4	18,308	3/4	7,589	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,929	9	50,210	9	39,490	9	28,791	9	18,084	9	7,365	9		9	9	9	9	9	9
1/4	60,706	1/4	49,986	1/4	39,267	1/4	28,569	1/4	17,861	1/4	7,142	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,483	1/2	49,763	1/2	39,043	1/2	28,347	1/2	17,638	1/2	6,919	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,259	3/4	49,540	3/4	38,820	3/4	28,124	3/4	17,414	3/4	6,696	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,036	10	49,316	10	38,597	10	27,902	10	17,191	10	6,473	10		10	10	10	10	10	10
1/4	59,813	1/4	49,093	1/4	38,373	1/4	27,679	1/4	16,968	1/4	6,249	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,589	1/2	48,870	1/2	38,150	1/2	27,457	1/2	16,744	1/2	6,027	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,366	3/4	48,646	3/4	37,927	3/4	27,235	3/4	16,521	3/4	5,804	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,143	11	48,423	11	37,703	11	27,012	11	16,298	11	5,581	11		11	11	11	11	11	11
1/4	58,919	1/4	48,200	1/4	37,480	1/4	26,790	1/4	16,075	1/4	5,359	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,696	1/2	47,976	1/2	37,257	1/2	26,567	1/2	15,851	1/2	5,137	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,473	3/4	47,753	3/4	37,033	3/4	26,344	3/4	15,628	3/4	4,915	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2020 CL
CALCULATED: 10/12/2020 CL
PRINTED: 10/12/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2020

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