

Worcester Cathedral

Number of bells: 12

Bell No.	Chs come out					When tuned					Remarks
	1	2	3	4	5	1	2	3	4	5	
1.	395	798	936	1289	1590	366.5	734	867	1164	1468	14/5/60
2.	371	760	860	1240	1445	326.75	653	776	1028	1308	14/5/60
3.	360	711.5	836	1200	1394	309.5	615	736	968	1235	stateway clapper T = 2.1 Secs
4.	308	592	735	940	1194	274	549	652	822	1099	New Rod of 17 made to fit out & new clappers for rods open & out T = 2.1 Secs
5.	295	568	681	904	1136	259.75	518	613	773	1036	18/7/72
6.	296	540.5	668	922	1102	244.5	489	586	736	980.5	18/7/72
7.	248	518	585.5	778	976	231	460.5	550.5	694	922	18/7/72
8.	233.5	467	581	702	914	218	435	523	651	871	18/7/72
9.	217	449.5	514	649	854	205.5	411.5	492	613	823.5	18/7/72
10.	200	386	471	590	731	183.25	366	439	550	733	18/7/72
11.	190	367.5	448	558	742	175.5	346	416	516.5	692	18/7/72
12.	172	348	408	509	675	163	326	391	488	652.5	18/7/72
13.	170.5	332	400	508.5	672	154.25	308	365.5	464	616	18/7/72
14.	150.5	299	366	454	592	137.5	274.5	328	412	548.5	18/7/72
15.	129.5	263	307	391	510	122.5	244.25	292	366.25	488.75	18/7/72

Bell No.	Chs should be				
	1	2	3	4	5
1.	366.2	732.5	871.1	1097.6	1465
2.	326.3	652.7	776.1	977.8	1305.5
3.	308	616	732.5	922.9	1232
4.	274.4	548.8	652.7	822.2	1097.6
5.	259	518	616	776.1	1036
6.	244.4	488.9	581.4	732.5	977.8
7.	230.7	461.4	548.8	691.4	922.9
8.	217.7	435.5	518	652.7	871.1
9.	205.5	411.1	488.9	616	822.2
10.	192.1	366.2	435.5	548.8	732.5
11.	172.8	345.7	411.1	518	691.4
12.	163.1	326.3	388	488.9	652.7
13.	154	308	366.2	461.4	616
14.	137.2	274.4	326.3	411.1	548.8

Particulars of the hour bell: -


WA

Diam.	P.H.	T.P.H.	As received	As sent off.
6-4 ¹ / ₂	4-2 ¹ / ₂	5-0 ¹ / ₄	90-0-12 82-3-24	See p. 27 Page 25

Chs received				
1.	117	238	279	362 464.5

Chs should be				
1.	108.8	217.7	259	326.3 435.5

When tuned				
1.	109.25	217	260	328 436



Canons
6 loops
Height of canons 6

Bell	Nominal		Quint		Tierce		Fundamental		Hum	
	Freq.	Cents	Freq.	Cents	Freq.	Cents	Freq.	Cents	Freq.	Cents
1	1468	4	1164	102	867	-8	734	4	366.5	2
2	1308	4	1028	87	776	0	653	2	326.75	3
3	1235	5	968	83	736	9	615	-2	309.5	9
4	1099	3	822	0	652	-1	549	1	274	-2
5	980.5	5	736	9	586	14	489	1	244.5	1
6	922	-1	694	7	550.5	6	460.5	-3	231	3
7	823.5	3	613	-8	492	11	411.5	2	205.5	0
8	733	2	550	4	439	14	366	-1	183.25	2
9	652.5	0	488	-3	391	14	326	-1	163	-1
10	616	1	464	10	365.5	-3	308	1	154.25	3
11	548.5	0	412	4	328	10	274.5	1	137.5	4
Tenor	488.75	Datum	366.25	0	292	8	244.25	-1	122.5	4