



**EXISTING ROPES**

Last updated Oct 2020

Front EIGHT bells plus the SEMITONES should be **Specification No.1**

Tail 11'6" = 3.5m, 10.5mm diameter, hemp or flax, 3' sally, 47' top end.

The semitones have pale blue, blue and white sallies

<b>Bell</b>	<b>Tail</b>	<b>Sally</b>	<b>Top</b>	<b>Maker</b>	<b>Notes</b>
<b>Treble</b>	11'6" hemp	3'	Dyneema	Mendip ?	Put on Mar 2019. History unknown - ex-8 <sup>th</sup> ? <i>Replacement on order - Avon Ropes</i>
<b>2<sup>nd</sup></b>	11'6" flax	3'	Dyneema	Ellis Nov 2017	Put on Feb 2018 Good. Sally bit thin
<b>3<sup>rd</sup></b>	11' hemp	1m	Dyneema	Mendip Oct 2016	Put on Feb 2018. Tail bit thin 9.8mm, 12 yarns. Was on 2 <sup>nd</sup> for a year.
<b>4<sup>th</sup></b>	11'6" hemp	1m	Dyneema	Mendip Nov 2016	Put on Feb 2017. Sally thinner than others in batch <i>Some tail wear</i>
<b>5<sup>th</sup></b>	11'6" flax	3'	Dyneema	Ellis Sep 2020	A replacement sally+tail on existing top. Due to Covid restrictions hardly rung yet.
<b>6<sup>th</sup></b>	11'6" flax	3'	Dyneema	Ellis Sep 2020	A replacement sally+tail on existing top. Due to Covid restrictions hardly rung yet.
<b>7<sup>th</sup></b>	11'6" hemp	1m	Dyneema	Mendip Nov 2016	Put on Feb 2017, most of its life on 5 <sup>th</sup> . Good. Sally perhaps too long.
<b>8<sup>th</sup></b>	11'6" hemp	1m	Dyneema	Mendip Nov 2016	Put on Feb 2019. Good, though a <i>small poor patch in tail</i> . Previously on 9# and also a front bell
<b>2<sup>#</sup></b>	11'6" flax	3'	Dyneema	Ellis Feb 2019	Put on Feb 2019.
<b>5<sup>#</sup></b>	11'6" flax	3'	Dyneema	Ellis Feb 2019	Put on Feb 2019.
<b>6<sup>b</sup></b>	11'6" flax	3'	Dyneema	Ellis Feb 2019	Put on Feb 2019.
<b>9<sup>#</sup></b>	11'6" flax	3'	Dyneema	Ellis Feb 2019	Put on Feb 2019.

TWO smaller back bells (9, 10) should use **Specification NO.2**

Tail 13' = 4m, 11mm diameter flax, 3'3" sally, 45' top end.

<b>Bell</b>	<b>Tail</b>	<b>Sally</b>	<b>Top</b>	<b>Maker</b>	<b>Notes</b>
<b>9<sup>th</sup></b>	14' = 4.2m Hemp splice	3'3"	Terylene	??	Old rope put back on as spliced tail on Mendip Dyneema rope wearing badly Some tail wear. <b>Replacement ordered – Avon Ropes</b>
<b>10<sup>th</sup></b>	13'8" Flax	3'6"	Dyneema 59'	Mendip Oct 2017	Put on Mar 2018. Tail shorter than ordered and top too long. Fortnight on weights. Was on 11th

TWO largest back bells (11, 12) can be done with **Specification NO.3**

Tail 14' = 4.2m, 12mm diameter flax, 3'6" sally, 45' top end.

<b>11<sup>th</sup></b>	13' = 4m Flax	3'3"	Dyneema	Ellis Nov 2017	Put on Mar 2018. Good. Needed a month stretch. Ordered for 10 <sup>th</sup> but tail thickness more suitable here. <b>Sally too short</b> for this bell though and <b>bit thin</b>
<b>Tenor</b>	13'6" = 4.5m Flax	1.31m	Dyneema	Mendip Nov 2016	Put on Feb 2017. Was JPM-specified for 10 <sup>th</sup> but much too big. Tail bit too short. Had one month on weights.

## TEACHING CENTRE - 8 Dumb Bells

Recycled ropes cut down to - **Tail 11', 14' top end**. Have top this short because of limited space on the central spoke, and no more tail as they are all 5' wheels (like 1-2-3 of Cathedral ring)

## PURCHASE HISTORY

Order	Use	Name	Now on Bells	Total	Unit Cost
	Pre-Oct 2016	Unknown	1, 9		
Oct-Nov 2016	Nov 2016	MENDIP	3, 4, 5, 6, 7, 8, 12	£ 1,650.00	£ 236
3 Oct 2017	21 Nov 2017	ELLIS	2, 11	£ 474.00	£ 237
Oct 2017	21 Feb 2018	MENDIP	10	£ 258.00	£ 258
15 Oct 2018	13 Feb 2019	ELLIS	2#, 5#, 6b, 9#	£ 895.20	£ 224
2 Oct 2019	Mar 2020	ELLIS	5, 6	£ 268.20	£ 124
28 Oct 2020		AVON		On order	

## OLD/SPARE ROPES

Old ropes are hung on two rails in the carillon room, the inner one being ropes kept for cathedral use and the outer rail holding those available for use in other towers. The outer rail has mostly terylene-topped ropes but as they come mostly from the back bells they are not much use anywhere else. However, new tails or even new sallies could be spliced on to them.

We now have **eight old ropes with dyneema tops**. The plan is to keep re-using these – rope manufacturers will create a new sally and tail and splice it on for half the cost of a complete new rope (the top does get shortened slightly in the process), but they won't splice on a sally and tail from elsewhere. The first two to be used this way went to Ellis Oct 2019 and came back Mar 2020. The plan is to refurbish two every year.

Two are currently with Avon Ropes (Oct 2020), planned to be put on treble and 9<sup>th</sup>.

At any one time there will usually be **2** with a rope supplier and **6** in the tower -

<b><i>Dyneema top ropes in carillon room</i></b>			
<b><i>Tail</i></b>	<b><i>Sally</i></b>	<b><i>Maker</i></b>	<b><i>Comment</i></b>
11'6"	3'6"	Mendip Feb 2017	<i>One of Nov 2016 order Sally has stretched but otherwise good</i>
11'9" spliced	1m	Pratt Jul 2011	<i>Has been on 3<sup>d</sup>. On 5<sup>th</sup> from Oct 2019. Removed July 2020, tail very worn below splice Braided top</i>
11'6"	1m	Mendip	<i>Removed Feb 2017</i>
12'6"	3'	Mendip	<i>Removed Feb 2017</i>
14' spliced	1.2m	Mendip	<i>Third replacement done Feb 2017. Long tail</i>
	1.3m	Pratt 2009	<i>The first dyneema top used at Worcester or anywhere – the black top is still good but sally too thin.</i>

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