

Murday Clock Survey

This survey is being compiled by the UK Electrical Horology Group. The survey data will be used to update the EHG technical paper and a shortened dataset will be published on the clockdoc website.

Do you have a Murday clock, or perhaps more than one? Do please fill in the survey. Even if you only have a serial number and one picture of a clock you owned years ago, it will be useful to know that the serial number exists. Some clocks already in the table have sparse information. If you are the owner, we would love to fill in the gaps.

When more have been recorded, we hope to be in a better position to identify components that may be original for more accurate measurements, such as springs. Please include any other useful data such as this.

In addition, we would be grateful to receive a set of photographs recording all aspects of your clock(s). This will enable further comparison with those surveyed so far and may reveal more variations.

Use the photographs in the accompanying paper to identify the variations noted in the survey. We are particularly interested in new variations not listed in the options. Please give details.

The survey includes the owners name and contact details and space to record the clocks history. This will be kept confidential and stored safely in case we wish to contact you again about your clock but is not required.

If you would like to take part, please fill in the survey below. You can return it by email, as at the end, or print it off to fill in by hand. If the latter, please return to the Electrical Horology Group, Antiquarian Horology Society, 4 Lovat Lane, London EC3R 8DT, UK.

Incomplete information – no problem so long as the serial number is included.

Thank you,

Eddy Odell & Geoff Horner

EHG Murday Clock Survey

	Options / Notes	
Serial Number	On large wheel clocks and pendulum clocks this is behind the movement plate close to the centre along the bottom edge Some pyramid and 1 second pendulum clocks do not appear to be numbered	
Any other batch or part numbers,	please give number and location	
Clock Type	Large balance wheel Small balance wheel ('mk2') Pendulum half second Pendulum 1 second Other (state which)	
Hands	<i>fleur-de-lys</i> Spade perforated cross	
Coil size	Large or small small coils are smaller diameter than the height of the coil support	

	large coils project up higher than the support See image below	
Coil winding colour	Green Cream ? brown (possibly cream with varnish on top); <i>or</i> rewound/replaced	
Dial	Clear Paper backed glass Paint backed glass Glass with glue residue suggesting previously paper-backed	
Dial rims	None Inner Outer Both	
Dial fixing	posts with slot springs/bent arm with hook	
Dial Numeral colour	Black White Silver Gold	
Minute marker	Ring Dots (diamond at each 5 mins)	
Dial Numeral type	Roman Arabic	
Dial numerals on back or front	Front Back	
Wires fixed under plate with blob of compound	Yes No	
Number of turns on spring		
Texture under base, regular patterns only (see images, ignore if patternless or no regular pattern)	Flat and smooth Circular scratches like a 78 record Straight graining or scratches Criss-cross scoring.	
Lower pivot bearing	Sapphire cup Ruby Broken/missing Brass	
Lower pivot length	Long Short	
Spiral score on pivot?	Yes No	
Chatter marks arbor or pivot	Yes No	
Coil resistance ohms	total resistance of both coils in series in large balance wheel or pendulum clocks, single coil in small Mk2 balance wheel clocks	

Case if not dome	Pendulum clock cases described in text above	
Dome height mm		
Dome outer diameter mm		
Dome thickness mm		
Any parts suspected to be replaced		
Any parts known to be replaced		
Other features	<p>Anything of interest not covered above</p> <p>Any suggestions you have for variations or features of originality</p>	
History	Any provenance or interesting history	
Owner (confidential)	<p>Name, email, mobile as you wish</p> <p>If you do not wish to give personal details, please tell us in which country the clock is currently located</p>	
Any other information you prefer us to keep confidential		
Photographs	<p>If you can provide a set of high resolution photographs we can use these to identify further variations as more clocks are added to the survey, about 12 images from all aspects would be good, ideally showing below the baseplate, battery compartment, contact spring and toggle block.</p>	

Version 1 Nov 2022

Please return your survey by email to edward.odell@kcl.ac.uk or by post as above and contact us on this email to arrange transfer of photographs