

Timsbury Clocks

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Conservation Report

St Mary Litton Tower Clock

30th June 2024

We have stripped the movement, cleaned all the parts, removed and treated the rust to prevent it reoccurring. Polished worn pivots and rebushed the worn bushes, reassembled, set up and tested.

The pulleys were stripped and cleaned, repainted with red lead to match existing, replaced all the worn and rusted shafts.

We fitted grease nipples to aid maintenance as access is very difficult.

Repaired the maintaining work ratchet.

Supplied an original pulley to replace the unsuitable rope pulley on the going weight with an original matching pulley. The replacement is painted black to indicate it is a replacement.

The original paint on the movement had been degraded by the oil and grease, this left a lot of bare metal once the parts were cleaned so all the clock was repainted leaving the sound existing paint underneath with a matched colour.

The old varnish was removed, the brass cleaned and re varnished

Removed the dial and hands, stripped off all the paint, soda blasted and treated with a rust converter, painted with two coats of zinc phosphate primer, two coats of alkyd undercoat and three coats of black alkyd topcoat.

Guided the roman numerals and the hands with 24ct double thickness Gold leaf. Returned the dial to the church, refitted the dial with stainless steel bolts.

Striped and cleaned the motion and lead off work, restored the front bearing.

Completely overhauled the hour and quarter bell rods, including 'S' loops, bellcranks, hammer pivots and check springs and repaired.

All work done inline with turret clock code of practice guidelines.
We are not vat registered.

Kind Regards
Symon Boyd