

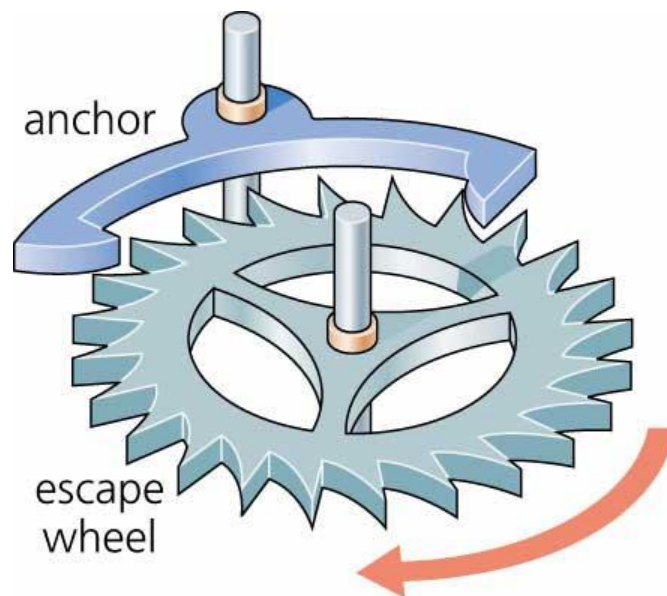
CLOCKS

What is Time? This was discussed briefly during the first half of today's presentation but may be of interest for further investigation during a future meeting.

What is a clock? Oddly enough we didn't actually define what a clock was before we got stuck into detail about the workings. A bit of an oversight on my part I'm afraid but to rectify this here is my definition – **A clock is device used to keep time.** If anybody wants to improve on this feel free!

Some examples of time keepers –

- Hourglass/egg timer
- Metronome
- Pendulum clock – I explained with some examples how this works. Through the escapement mechanism the pendulum is given a brief kick, at the right instance during its swing, to give it just enough energy to keep the whole thing ticking until of course until it needs winding up or the weight needs to be reset.



The Escapement Mechanism

A video about John Harrison and the development of an accurate ships chronometer was shown – see <https://www.youtube.com/watch?v=NENPdT4LASw> .

Marius Stuart – TASC