

SI Units Synchronising

All SI units bought since about 2005 contain a real time clock and over the next years their accuracy has been improved, coping with temperature variation and battery voltage changes.

However, they are still not perfect and there is no guarantee that the time in all units is the same.

Problems have arisen when

- The time in two finish units were not the same.
- The time for very short legs is noticeably wrong (or even negative)
- Start and finish units were at different times.

It is essential that units are synchronised regularly. There are four methods for doing this.

1. Reprogram the units using SPORTident Config
2. Set the time using SPORTident Config
3. Use the software "Timemaster" from SPORTident UK.
4. Use a BSM8 TimeMaster unit.

When using the first three methods the time of the laptop is used for the units and should always be set accurately. If connection to the Internet is possible, it is probably best to use that to set the time on the PC.

All laptops at an event should be set to the right time. There is always the possibility that it will be necessary to reprogram a unit and it shouldn't matter which laptop is used. There is a simple command which can be used to set the time of one PC to that of another. In the run window type

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net time \\oban /set /yes
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to set the time to that of "Oban". This is more complicated on PCs running Windows7 (and 8??) (search for cmd, right click and run as administrator).