

7XV5664-0 GPS-Receiver (hopf 6875) and SIPROTEC devices with local time using DCF77

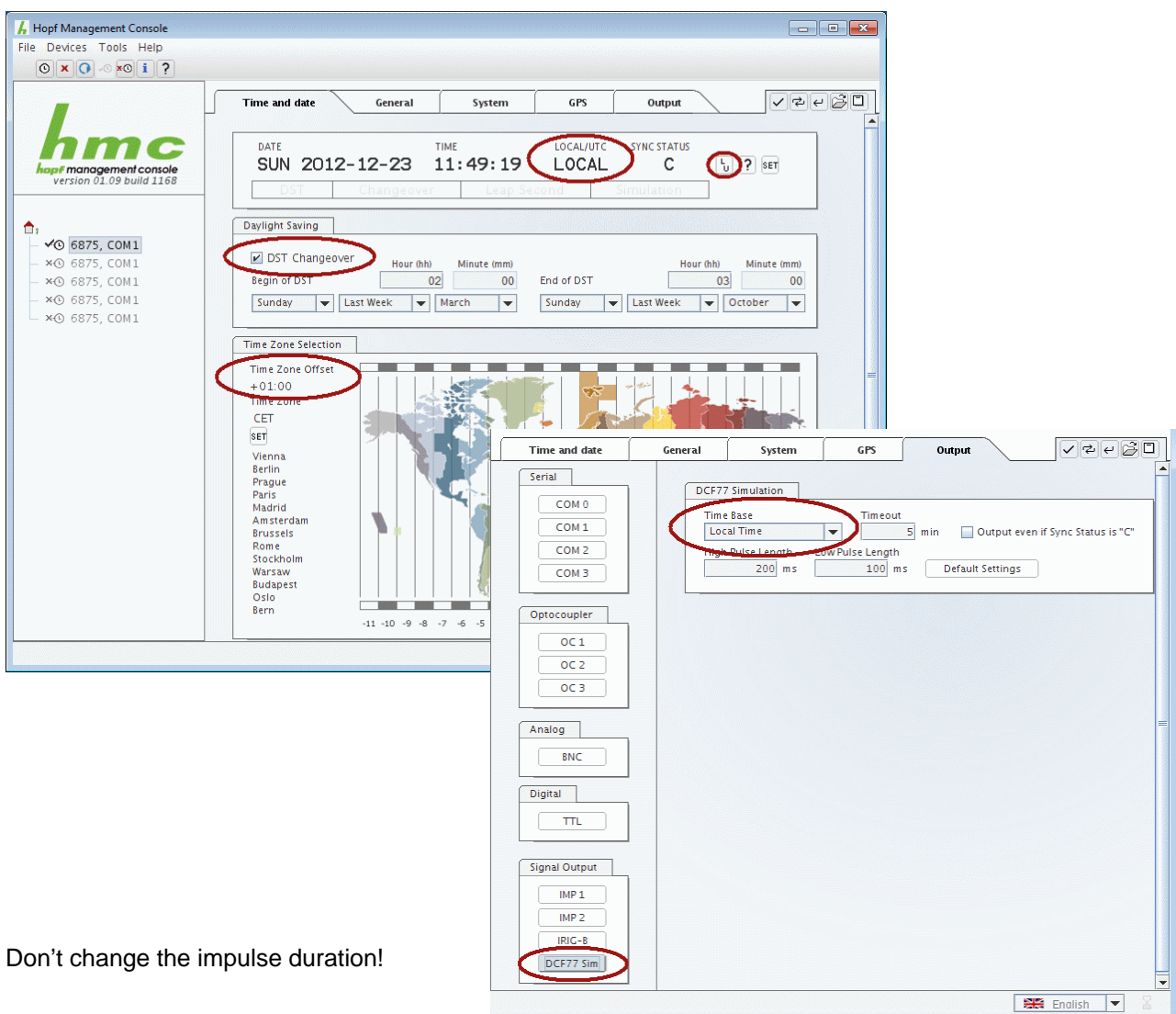
**Problem: SIPROTEC 4 devices are not synchronized by DCF77 signal**

By using the button **L/U**, only the display of **date** and **time** within the tab **Time and Date** is changed, but not the output telegrams of the interface of the clock.

If **LOCAL** and/or **Daylight Setting** within the tab **Time and date** is selected, also the setting **Local Time** within the tab **Outputs** at section **DCF77 Simulation** has to be selected.

**Settings** for SIPROTEC devices with **DCF77-Simulation** and **Time Base „Local Time“**:

- Within section **Daylight Saving** the **DST Changeover** (summer/winter) has to be selected.
- Within section **Time Zone Selection** adjust the **Time Zone Offset** (e.g. for Europe) to **+01:00**.
- Within section **DCF77 Simulation** adjust the **Time Base** to **Local Time**.



Don't change the impulse duration!

If the check box "**Output even if Sync Status is "C"**" is not selected, and the receiver is in status „C“, a output telegram will be generated but marked as invalid. So the protection device will not be synchronized.

Notice: These Adjustments are also possible for „hopf-module 6870“.