Status EUI

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P. Rochus and the EUI consortium

Solar Orbiter SWT-25 ESTEC 2019 Oct 16-17

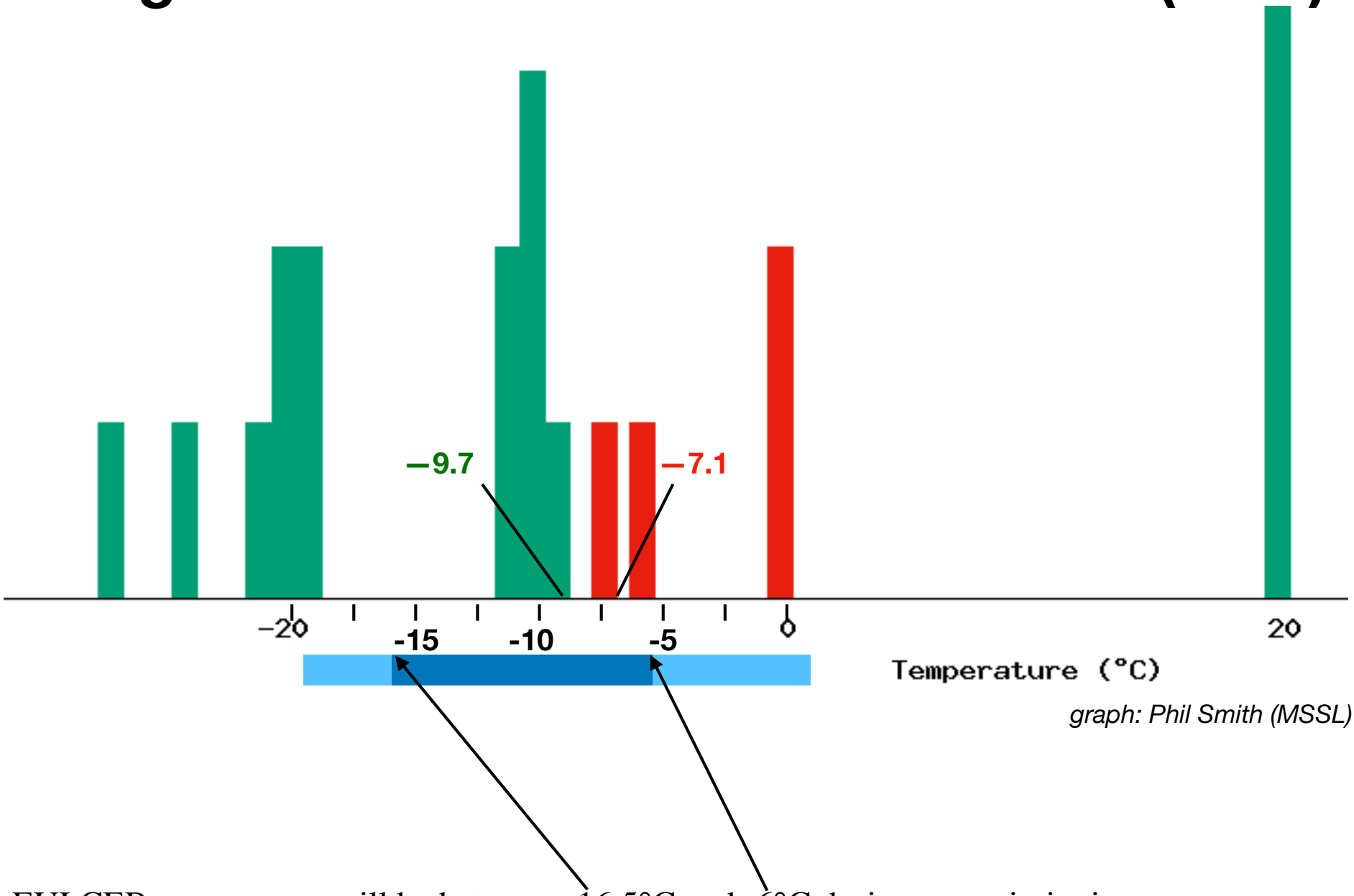
EUI news

- David & Pierre switch seat on Jan 1 2020
- Paper submitted Sept 10
- Software and calibration maps partially uploaded, the rest uploaded during SVT-2
- Post-launch contamination avoidance
- CEB booting
- data release intention

Post-launch contamination

- the EUI-sensors must remain hotter than environment during outgassing period
- dedicated spacecraft controlled heater brings the EUI-sensors only to -20C, colder than its environment
- discussions ongoing to switch on both primary and redundant post-launch heaters, and move CEB switch-on earlier in commissioning.

Booting of EUI Common Electronic Box (CEB)



graph: Phil Smith (MSSL)

The EUI CEB temperature will be between -16.5°C and -6°C during commissioning.
This accounts for +7°C/-3°C modelling uncertainty.

The Sun shines on all of us
Delaboudinniere, J.P.

Data release intention

- Fresh incoming data are processed with current calibration understanding and made available *immediately on a public website*

- All data are reprocessed every 6-months to the latest calibration understanding and made available as an official release with a DOI that people can cite.

- Previous releases remain available

- Each release comes with a list of known issues and the recommendation to contact the EUI team for expert support when publishing articles with EUI data