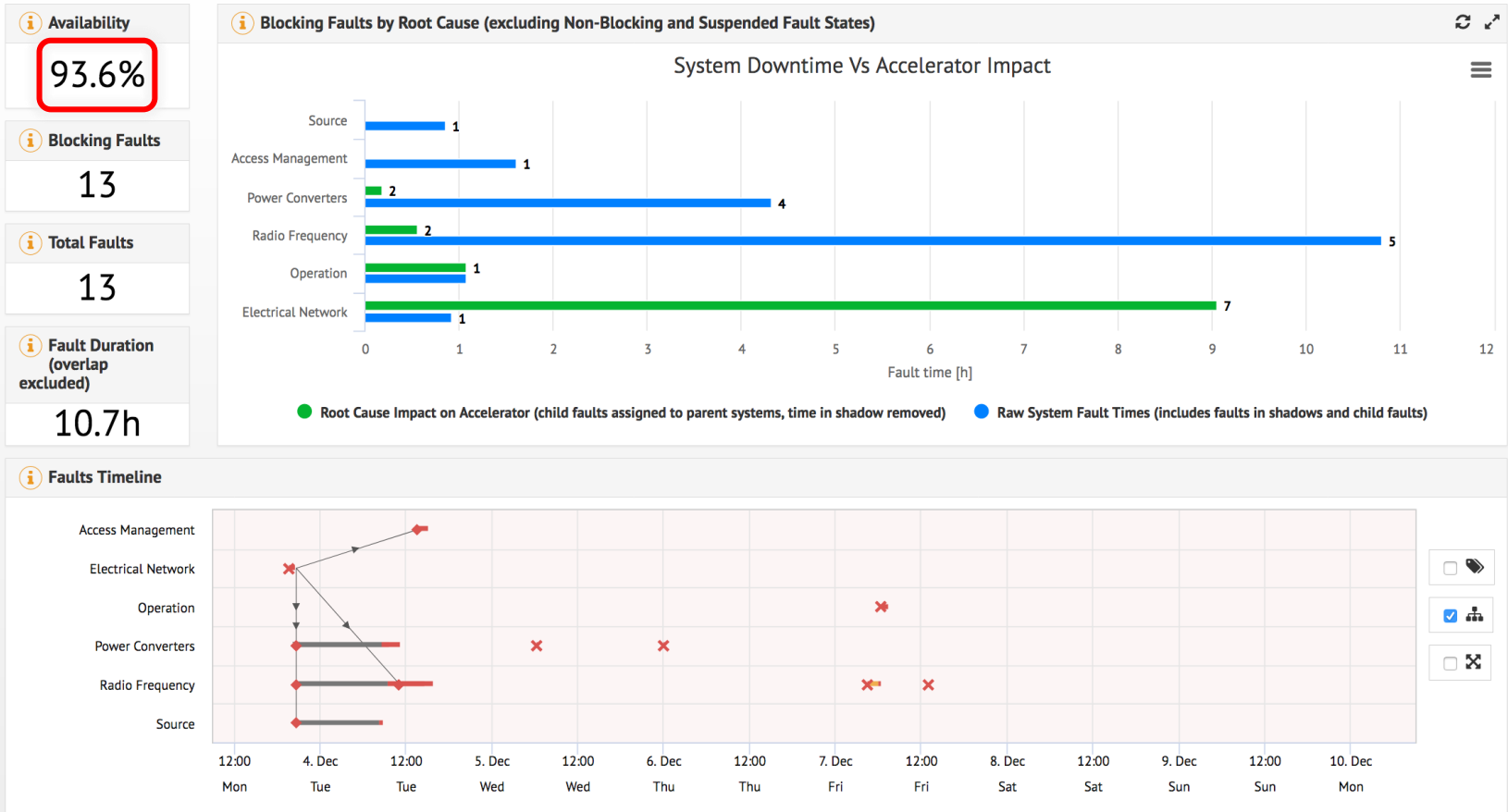


# Linac4 Report – AFT



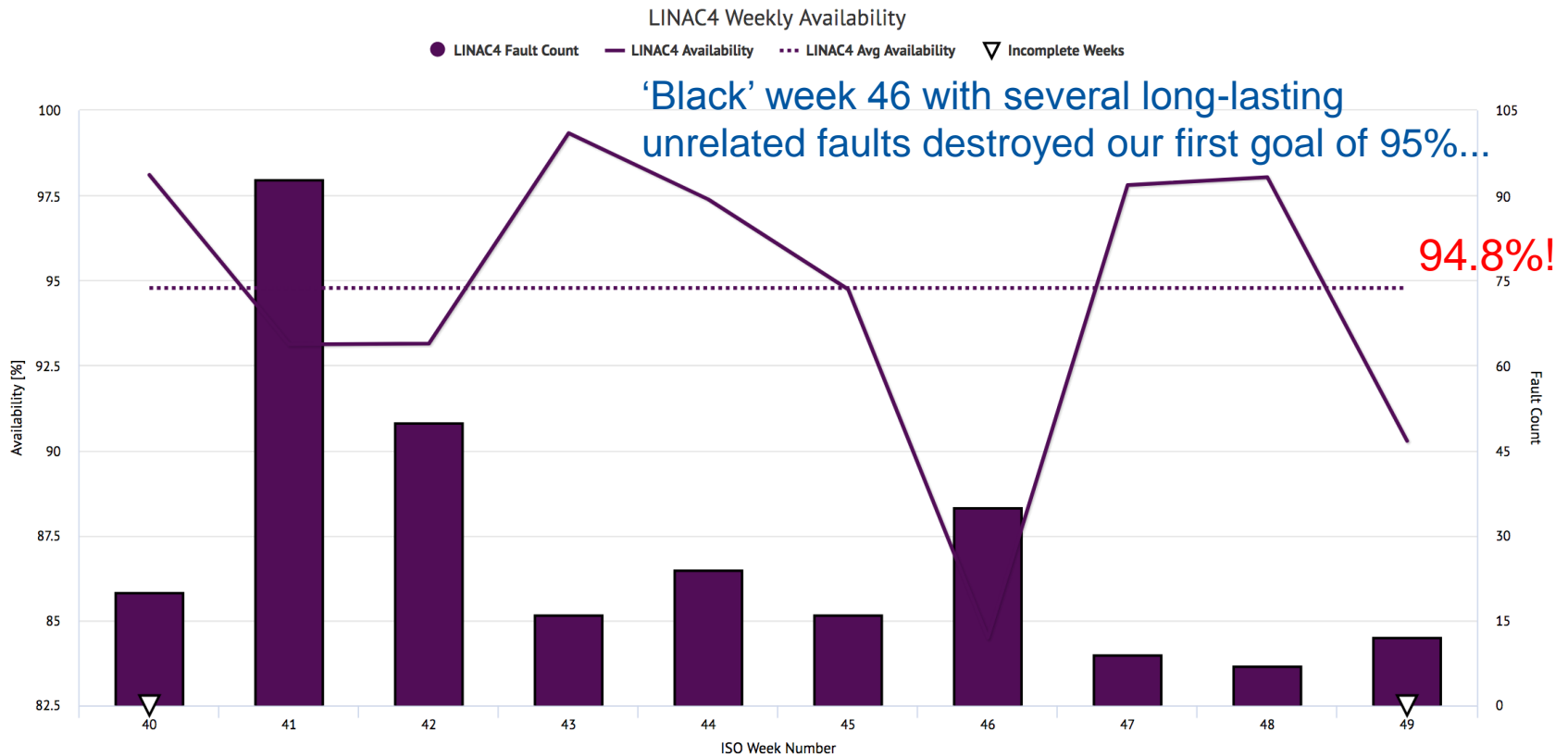
- Long recovery after thunderstorm Monday evening (no piquet coverage during night and no priority); access needed to solve flowmeter problem for DTL3 and PIMS11/12
- Some issue with an RF frontend Friday morning

# Linac4 Report w49

EPC analysis of the FGC issues during restart on Tuesday → 4 different problems:

- Modulators with configuration warnings (OK for operation, but not good for EPC); there was an error with the parameter management.
- Modulator not synchronised: impossible to reproduce today, but for operation the TE/EPC piquet can reload the RegFGC3 parameters if it would appear again. Need more investigations for a better understanding.
- H<sup>-</sup> source HV converter not synchronised → understood; a firmware update will be deployed.
- Quad and steerer converters: problem was solved after restarting class 62 and 63.

# Autumn Reliability Run



- Even more importantly, **great improvements in terms of beam quality!**
- Still quite some work in front of us to prepare Linac4 to inject into the PSB...

Thanks to the operators for taking good care of Linac4 and to the entire Linac4 team of ABP supervisors and equipment experts!!!

