









- Current knowledge is insufficient to get 100% reliability wrt to environment effects.
- Space environment monitors (or accurate models) help in rapid diagnosis.
- Low energy particle effects are likely impossible to unambiguously identify without onboard sensors.
- S/C anomalies data and design information are difficult to access to.
- Operation teams are poorly aware of plasma and radiation environment effects.
- Observation missions have a strong interest in continuous monitoring of source of interferences and even predictions.

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Future plans

- Increase use of Space Environment Monitors (cf Nieminen's talk)
- S/C anomaly database (SAAPS) will be made operational (cf <u>http://www.irfl.lu.se/saaps/</u>)
- On-line space environment data system (SEDAT, SAAPS, Space Weather System).
- On-line anomaly analysis and forecast system (SAAPS, Space weather system).

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