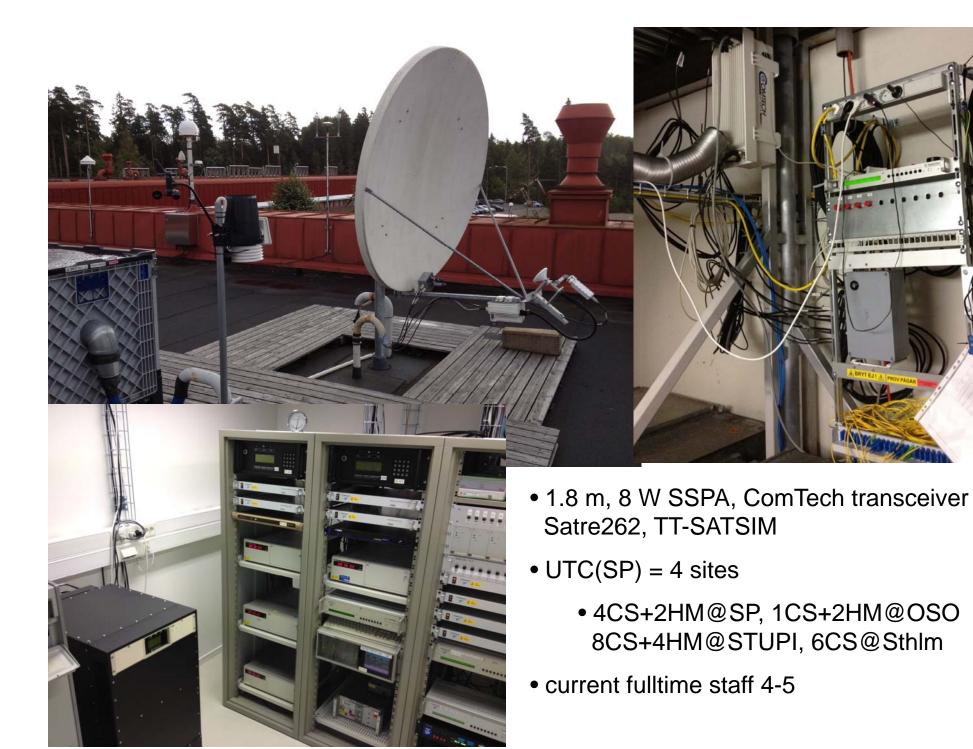
Station Report SP

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20th CCTF WG-meeting on TWSTFT 6^{th/7th} September, 2012 BIPM



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Current Situation

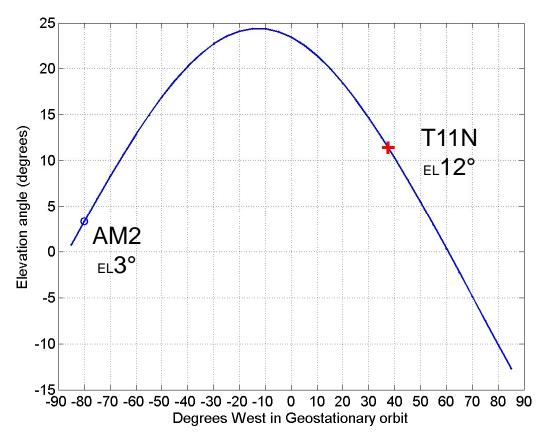
- TW@SP considered production, research priorities currently elsewhere
- Transceiver/SSPA "0dBm" problem
 - due to exchange transceiver from TT Sep.2010
 - "unpredicteable" periods (hours to several days)
 - no temperature correlation
 - so far "no" impact for TAI link, but has to be fixed, need help from TT
- SATSIM currently not used, open question on how SATSIM influences production use
 - out-of-band CC, disturbances had been seen by SAT provider
 - new SATSIM antenna
- RT streaming server not reachable due to router line card failure summer 2012
 - new routing hardware
 - separate/redundant/high_capacity ISP for Time and Frequency use with the Swedish University Network SUNET during fall 2012



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Future Development

- TW installation for the EU/US network might need to move due to a new HighVoltage laboratory in line of sight for low elevations (<6°).
- new station equipment ? Asian Link ?
- upgrade SATSIM with a motorized antenna system
- study effect of satellite motion on the TW timing
- RT filtering, RT infrastructure and methods





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