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# ROA Report

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Sep 2012

20th Meeting of the CCTF WG on TWSTFT  
6, 7 September 2012, Sevres, BIPM

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# Updating / modifications

- A new Satre modem, and a SATSIM were acquired in December 2010.
- Feeding of Anacom Ku-band transceiver by external reference of frequency (Apr 11).
- New antenna, 2.4 m of diameter, for ROA TW station “1” (Jun 2011).
- Improving of control TW stations software.
- Developing of new monitoring and notice / alert tools (examples)



# Updating / modifications

- Fig 1: Summary of session in the Intranet.



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# Changes on TW implementation

- Transition from Intelsat IS-3R to Telstar TS 11N (Jul 2009).
- New schedule (Oct 2009).
- Change of frequencies and BW (Jul - Aug 2011).
- Frequency offset (Dec 2011)
- Stopping of CC EU-EU TX (Apr 2012).



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# Main ROA collaborations

- RT data transfer, with SP (Sweden), since March 2010.
- ESA Tas F TVF Project, since March 2011.

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# Strong points

- Both VSAT station in operation.
  - ROA02 is now used as spare and for other experiments.
- Continuous participation of ROA in TW: long serie of data.
- Controlling SW is now more robust to strange effect.
- Monitoring software report issues every session.

2 Oct 2008

16<sup>th</sup> Meeting of TWSTFT WG  
SP, Boras, Sweden

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- Thanks for your attention.

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