

22nd Meeting of the CCTF WG on TWSTFT VNIIFTRI – Mendeleev – 15-16 Sep 2014

Agenda

Welcome speech (Director of FSUE VNIIFTRI - Sergey Donchenko)

Technical Program:

Laboratory reports:

- AOS (Jerzy Nawrocki)
- CH (Christian Schlunegger)
- NIM (Aimin ZHANG, given by Zhiheng JIANG)
- NIST (Judah Levine)
- NTSC (Wenjun WU)
- PTB (Dirk Piester)
- SP (Kenneth Jaldehag)
- TL (Calvin Lin)
- VNIIFTRI (Andrey Naumov)
- VSL (Erik Dierikx)

Network status:

- ✓ Status of Europe – USA links (Judah Levine)
- ✓ Status of Asian Network (Calvin Lin)
- ✓ Status of the Eu-Asia link (Dirk Piester)

TWSTFT calibrations:

- 2014 USNO – PTB calibration (Dirk Piester)
- 2014 European calibration campaign (Javier Galindo)
- The latest METODE link calibration for UTC TWSTFT links in and between Europe and Asia (Wenjun Wu)
- 2013 Calibration of VSL, AOS (Jerzy Nawrocki/Erik Dierikx)

Developments:

- Proposals on modifications of TWSTFT data file names and data file's header (S. Bolginova, N. Koshelyaevsky)
- Status report on European broadband TWSTFT experiment (Dirk Piester)
- A software defined TW receiver (Calvin Lin)
- GNSS carrier-phase time transfer on short baselines in real time mode (TSNIIMASH)
- Some considerations on the TWOTFT (Erik Dierikx)

TAI calibrations:

- Global Triangle Network Calibration (BIPM)
- ❖ A standard procedure for the TWSTFT link calibration for UTC:
 - 1) Some considerations in the past and future calibrations (BIPM);
 - 2) Requirements for the labs and the status of the labs participating in the calibration campaigns (Discussion)

VNIIFTRI Laboratory visit