54th CGSIC Meeting - Timing Subcommittee

Tampa, Florida, 8 September 2014

Chair: Włodzimierz Lewandowski, ESA PB-Nav
Co-Chair: Victor Zhang, NIST

2:00 Introduction – Włodzimierz Lewandowski, ESA PB-Nav
2:10 Report from NIST – Victor Zhang, NIST
2:30 Report from USNO – Stephen Mitchell, USNO
3:00 Report from APL – Mihran Miranian, APL
3:20 Coffee Break
3:40 The NTSC contribution to BeiDou System Time – LU Xiaochun, WU Haitao, NTSC
4:00 Modelling the GPS+Galileo+Egnos Constellation – Mathias Suess, DLR
4:20 A Common Clock Reference For All GNSS – Tom Stansell, Stansell Consulting
4:40 Comments on the Debate over the Proposal to Redefine UTC – Demetrios Matsakis, USNO
5:10 Discussion
5:30 Session End
First Operational Optical Fibre Time Link
420 km between UTC Laboratories AOS-PL
Combined uncertainty 112 ps
The real-time clock comparison between UTC(AOS) and UTC(PL) through a fibre link, [www.optime.org.pl/node/47](http://www.optime.org.pl/node/47)

25 km fibre experiment at TL
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