

Meeting of the CCTF GNSS Working group

York, April 5, 2016 13h30

Pascale Defraigne, chair of the WG, opened the meeting and presented the meeting's [agenda](#).

1. Group 1-2 calibration for UTC : update on guidelines, results and implementation plans

G. Petit presented (see [slides](#)) an update of the work carried out since the last meeting of the WG (25 September 2015).

He indicated that, a new version 3.2 of the “BIPM guidelines for GNSS calibration” had been placed on the web in February 2016 (see <ftp://ftp2.bipm.org/pub/tai/publication/gnss-calibration/guidelines/>). The new version covers the evolution of a calibrated system between calibration exercises, especially when calibration must be transferred from the originally calibrated system to a new one. C. Lin questioned about the increase in uncertainty associated with such a transfer of calibration. By default, the BIPM plans to increase the uncertainty by 1 ns in quadrature. GP mentioned that the 2016 Group 1 trip had started with first visits to the Asia-Pacific region. Information on all planned calibration exercises may be found through the ftp://ftp2.bipm.org/pub/tai/publication/gnss-calibration/calib_planned.pdf.

He announced that the BIPM plans to organize, within one year, a training course on calibrations. More details will be provided later.

2. CGGTTS format V2E

P. Defraigne reminded that the paper presenting the CGGTTS V2E format had been published in Metrologia. She announced that a new version of the R2CGGTTS software, to generate CGGTTS V2E files for GPS, GLONASS and GALILEO from Rinex V3 files, is under tests and will be distributed soon¹.

G. Petit indicated that an entry has been added for the format CGGTTS V2E in the web page of the Working group (<http://www.bipm.org/wg/AllowedDocuments.jsp?wg=WGGNSS>) in order to keep track of typos, errors etc... discovered after the publication of the Metrologia paper. He also presented some plans with respect to the use of the V2E format in the context of UTC (see [slides](#)).

3. Any other business

V. Zhang briefly presented (see [slides](#)) the work started in a task group “Long-term comparison between the time links GNSS and TWSTFT” of the CCTF working group on TWSTFT. More information can be found on the web page of the TWSTFT WG.

P. Defraigne informed that a long-term study of P1-P2 hardware calibration was presented as a poster at the conference.

The meeting was closed at 14h05.

¹ The software R2CGGTTS-V7.0 was sent to the WG on 12 April 2016.

Published 25 April 2016 (P. Defraigne, G. Petit)

List of participants

Jerzy Nawrocki	AOS
Pawel Nogas	AOS
Zhiheng. Jiang	BIPM
Gérard Petit	BIPM (WG secretary)
Luc Erard	LNE
Miho Fujieda	NICT
Yuko Hanado	NICT
Victor Zhang	NIST
Pierre Dubé	NRC
Pascale Defraigne	ORB (WG chair)
Franziska Riedel	PTB
Hector Esteban	ROA
Juan Manuel Gonzalez	ROA
Huang-Tien (Calvin) Lin	TL