ET-CTS Teleconference Wednesday, February 3, 2016  
1pm to 3pm (Geneva Time) / 1200-1400 (UTC)

# Participants:

Rémy GIRAUD (Chair), Ilona GLASER (co-chair), Bryan HODGE (Australia), Geoff Molloy (Australia), Jose Mauro REZENDE (Brazil), LANG Hongliang (China), Pavel GAL (Czech Rep), Neil SLATER (EUMETSAT), Erwan FAVENNEC (France), Yoritsugi OHNO (Japan), Kentaro TSUBOI (Japan), Peter MUTAI (Kenya), Phil CHAMBERLAIN (UK).

Secretariat: David Thomas

# 1. ORGANIZATION OF THE MEETING

The chair introduced the proposed agenda. He noted that the main area of discussion is the preparation for an ET-CTS meeting to be held in Senegal on 5-8 April 2016 (<http://wis.wmo.int/page=et-cts-2016-m1>). The meeting accepted the agenda as given in Appendix The documents and presentations discussed at the meeting are available on the meeting web page at [http://wis.wmo.int/page=Telcon 03 Feb 2016 Meeting page](http://wis.wmo.int/page=Telcon%2003%20Feb%202016%20Meeting%20page).

The chair also raised the issue of membership noting that Argentina had proposed to have Mr Julian DUNAYEVICH to replace Mr Jose Luis GIANNI as a core member of ET-CTS. The meeting noted the excellent and important contribution over many years of Mr Gianni towards the team and to RA III telecommunications. Mr Molloy advised that he has changed roles at work and that Australia has requested to make Mr Bryan HODGE a core member. The meeting thanked Mr Molloy, and agreed to the change.

**Action:** Secretariat to advise Chair OPAG ISS and CBS management group of the recommended changes to membership of ET-CTS and if approved update membership accordingly.

# 2. ACTIONS FOR THE NEXT FACE TO FACE MEETING

**2.1 Prepare report on the IPv6 questionnaire:**

The meeting noted that a revised IPv6 questionnaire sent in 2015 had received 38 responses and that a report is to be prepared for our April meeting.

**Action:** Chair will leave survey open for two more weeks then provide the results team lead Ms Glaser (Lead) who, along with Mr Gorwits will review the results of the survey and prepare the report.

**2.2 Prepare report on the “cache in and through the cloud”**

The chair reported that 13 out of the 15 GISCs are participating in the pilot on use of cache in cloud. He reported on the status of the survey noting that only one GISC had responded to date.

The meeting asked all GISCs to respond to the survey which will stay open until 12 February after which the survey will be given to a team to analyse.

**Action**: Mr Giraud (Lead), Ms Glaser and Mr Kiehl (DWD) will work on the report on the pilot on use of cache in the cloud.

**Action:** GISCs to complete survey on use of cloud service before 12 February.

**Action**: Mr Giraud (Lead), Ms Glaser and Mr Chamberlain will then work on the report on the questionnaire. The report will be ready for the upcoming face to face meeting.

**2.3 Draft WIS emergency security response strategy**

The meeting noted that WIS was effectively becoming a global network and as such, it really needed some mechanism for alerting and reporting of security incidents and threats affecting WIS centres that are a part of that network.

**Action:** The meeting agreed to set up team to draft some ideas on a WIS emergency security response strategy for consideration at ET-CTS April meeting in Senegal. Team to consist of Mr Hodge (Lead), Mr Favennec, Mr Chamberlain and possibly Mr Gorwits. This will be reviewed by ET-WISC with a final report to be submitted to CBS-16 in November (so completion should be end of August to allow processing, translation, etc).

**2.4 Review of the Attachment II. 15.**

The meeting noted that the attachment II-15 did need updating, in particular to include the use of encrypted protocols, allowing compressed TAR files as well as removing out-dated elements. The meeting also noted that the traditional use of sockets for GTS links also needed reviewing from a security risk perspective and that it is probably time to replace them.

**Action:** Mr Favennec to take the lead on reviewing and updating Attachment II-15 of the Manual on GTS (WMO No 386) with assistance from Mr Chamberlain. Draft update to be reviewed at ET-CTS meeting in April.

**2.5 Review of the Manual on GTS Attachment I-2 & I-3**

The meeting noted the decision of Congress to remove the regional component of the Manual on GTS (Vol II, WMO No 386) and that Vol II had included the listing of RTHs. It further noted that the representation of the MTN in Vol I, Attachment I-2 and I-3 could be updated to include the WIS core network, as well as RTHs not on the MTN. It considered that this work cut across ET-WISC as well as ET-CTS and agreed to consult with ICT-ISS about updating Attachments I-1 and I-3 of the Manual on GTS accordingly.

**Action:** Participants agreed to review the issue and to advise the chair on their interest in participating in the review. Chair to consult with ICT-ISS about providing a lead to coordinate ET-CTS and ET-WISC review of Attachments I-1 and I-3 of the Manual on GTS.

(Note, the ICT-ISS tasked Kenji Tsunoda with lead role)

**2.6 Review of the guides (security, VPN)**

The meeting noted that the GTS guides on VPN (WMO No 1116) and IT Security (WMO No 1115) had been successfully updated and published. Noting that the content of the last update was over four years old, it agreed that they should be reviewed for out of date material and relevance.

**Action:** ET-CTS set up a team consisting of Ms Glaser (Lead), Mr Favennec, Mr Slater and representatives of CMA and JMA to review the guides and report to ET-CTS in April with a list of recommended changes. I requested that the Secretariat provide Ms Glaser with Word versions of WMO No 1115 and 1116.

**2.7 Progress report on SATCOM Forum**

The meeting noted the SATCOM forum interim executive committee will be meeting on 23 February 2016 to discuss plans for the initial meeting of SATCOM scheduled to be held at Meteo Expo and CIMO TECO in Madrid, (27-29 September 2016). It noted that the exact role of ET-CTS was unclear but that the ET-CTS chair will be participating in the meeting on February 23.

**Action:** Chair to report back to ET-CTS after the meeting of the interim executive committee.

**2.8 Other issues for ET-CTS meeting**

**Action:** The chair request all ET-CTS members to report to the April meeting on their centre’s participation in and feedback from projects

**Action:** Secretariat to include link to ET-CTS meeting page in this report as follows (<http://wis.wmo.int/page=et-cts-2016-m1>) and to ensure invitations are sent asap.

**Action:** The meeting, noting that ECMWF had offered to provide some network monitoring details for contribution to ET-CTS monitoring, asked the chair to consult with ECMWF about progress on making something available for ET-CTS.

# 3. Any other business

No other business was raised.

# 4. Closure of meeting

The chair thanked all for participating in the meeting. He summarized the key actions above and encouraged all to start working on their tasks as soon as possible.

# Appendix 1 – Agenda

1. **ORGANIZATION OF THE MEETING** 
   1. Opening of the meeting
   2. Adoption of the agenda
2. **actions for the next face to face meeting**
   1. Prepare report on the IPv6 questionnaire
   2. Prepare report on the “cache in and through the cloud”
      1. Results on the pilot
      2. Analysis of the questionnaire
   3. Draft WIS emergency security response strategy
   4. Review of the Attachment II. 15
      1. Include secure protocols (SFTP, HTTPS)
      2. Allow compressed tar files
      3. Remove “historical” and “outdated” elements
   5. Review of the Manual on GTS Attachment I-2 & I-3
   6. Review of the guides (security, VPN)
   7. Progress report on SATCOM Forum
   8. Others
3. **Any Other Business**
4. **CLOSURE OF THE MEETING**