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| WGSE | | |
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| Group membership required to read? (Y/N)  N N | | |
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# Opening of the meeting

[…]

# Adoption of the Agenda, schedule of work

[…]

# Extract from ECC minutes relevant to CPG

[…]

# Report from pLENIPOTENTIAry cONFERENCE 2018

The Chairman informed the meeting briefly about the results of PP-18, in particular the elected officials of ITU. Furthermore Resolution 185 on Global Flight Tracking has been suppressed as suggested by CPG.

# Activities regarding other organisations

[…]

# Reports from CPG project teams

The Chairman encouraged the PTs to continue the development of draft ECPs. For this purpose the CPI (https://www.itu.int/net4/Proposals/CPI/WRC19/Authenticate/?ReturnUrl=%2fnet4%2fProposals%2fCPI%2fWRC19%2fMain) provided by the ITU is to be used.

## PTA

The Chairman of PTA, Mr Gerlof Osinga (HOL), introduced the progress report in doc 045. He reported that PTA had one meeting after CPG19-6. Significant progress on the development of draft European Common Proposals (ECPs) and draft CEPT Briefs was made.

The Romanian Administration invited the next PTA meeting that is planned for April 2019 in Bucharest.

WRC-19 Agenda item 1.2 – Earth Stations 400 MHz

In the absence of the coordinator, the PTA chairman introduced the draft Brief and the draft ECP in ANNEX IV-02 and ANNEX V-02 to CPG(18)045.

Based on the introduction of the doc 052R1 (HOL), it was agreed to amend the preliminary draft CEPT position to reflect that CEPT is considering Method B of the draft CPM Report on the bands 399.9-400.05 MHz, in which 20 kHz with no e.i.r.p. limit is segmented from the upper part, as a possible compromise solution to reach a single method at CPM19-2.

The draft Brief and draft ECP on AI 1.2 were approved and can be found in ANNEX IV-02 and ANNEX V-02.

WRC-19 Agenda item 1.3 – Update EESS and MetSat 460 MHz

The Coordinator, Mr Ralf Ewald (D), introduced the draft Brief and the draft ECP in ANNEX IV-03 and ANNEX V-03 to CPG(18)045.

The draft Brief and draft ECP on AI 1.3 were approved and can be found in ANNEX IV-03 and ANNEX V-03.

WRC-19 Agenda item 1.7 – Nano-/ Picosatellites

The Coordinator, Mr Wouter Jan Ubbels (HOL), introduced the draft Brief and the draft ECPs in ANNEX IV-07, ANNEX V-07A and ANNEX V-07B to CPG(18)045.

The Coordinator explained that PTA developed two draft ECPs, one for Option A and one for Option B, and that further development is needed. There is one common element in both ECPs, which is the identification of the existing allocation to the space-operation-service in the frequency band 137-138 MHz for use by short duration NGSO satellites in the space-to-Earth direction. For the Earth-to-space direction, Option A proposes to remove RR 9.21 in the band 148-149.9 MHz in the allocation to the space operation service, Option B proposes a new 1 MHz wide allocation in the 403-405 MHz frequency range.   
CPG tasked PTA to try to agree on a common ECP. Some administration indicated that they may propose other frequency bands for the Earth-to-space direction.

The draft Brief and draft ECPs on AI 1.7 were approved and can be found in ANNEX IV-07, ANNEX V-07A and ANNEX V-07B.

WRC-19 Agenda item 1.14 – HAPS

The Coordinator, Mr Nasarat Ali (G), introduced the draft Brief and the draft new ECP in ANNEX IV-14 and ANNEX V-14 to CPG(18)045.

The meeting also considered proposals from ESA/EUMETSAT/EUMETNET in docs 062 and 063 providing update to the draft Brief and the draft ECP on compatibility studies between HAPS and EESS (passive) in the 21.2-21.4 GHz, 22.21-22.5 GHz and 23.6-24 GHz bands which are under consideration in Region 2. The meeting agreed to amend the draft CEPT Brief and the draft ECP.

The meeting agreed also to use "identification" instead of "designation" for all AI 1.14 output in line with the Note by the CPM Management Team.

The Russian Federation expressed concerns regarding the limited time to analyse possible consequences of the worldwide application of the conditions for the deployment of HAPS in the 6 GHz range defined only in some countries and suggested to have some more time before the decision on the ECP for AI 1.14 is taken.

PTA was tasked to finalise considerations on the bands 6 GHz, 28 GHz, 31 GHz, 38 GHz, and 47 GHz with a view to finalise, as much as possible, the draft ECP for the next CPG. In particular, PTA was tasked to further review the studies on the 38-39.5 GHz band for the downlink direction with respect to FSS. CPG invited administrations to contribute to the next PTA meeting.

The draft Brief and draft ECP on AI 1.14 were approved and can be found in ANNEXES IV-14 and V-14.

WRC-19 Agenda item 1.15 – Services above 275 GHz

The Coordinator, Mr Sebastian Rey (D), introduced the draft Brief and the draft ECP in ANNEX IV-15 and ANNEX V-15 to CPG(18)045.

The introduction of a new footnote to identify bands for LMS and FS and the modification of existing No 5.565 to refer to the new footnote are stable and changes were only introduced to achieve a more concise text.

The draft Brief and draft ECP on AI 1.15 were approved and can be found in ANNEXES IV-15 and V-15.

Consequential to the revised draft ECP, the Coordinator proposed in doc 051R1, a contribution to CPM19-2 revising method E accordingly. The document also proposes the use of "identification" instead of "designation" for all AI 1.15 related CPM text.

The meeting endorsed the contribution to CPM19-2, which can be found in ANNEX VI-01.

Statement by Sweden

We reserve our right to address this issue in future meetings within CEPT and ITU.

WRC-19 Agenda item 2 – Incorporation by reference

The Coordinator, Mr Karel Antousek (CZE), introduced the draft Brief and the draft new ECP in ANNEX IV-17 and ANNEX V-17 to CPG(18)045

The draft Brief and draft ECP on AI 2 were approved and can be found in ANNEXES IV-17 and V-17.

WRC-19 Agenda item 4 – Review of WRC resolutions and recommendations

The Coordinator, Mr Karel Antousek (CZE), introduced the draft Brief and the draft ECP in ANNEX IV-18 and ANNEX V-18 to CPG(18)045.

He informed the meeting that further work needs to be done to the lists of Resolutions and Recommendations.

Administrations and Project Teams are encouraged to study the table in Annex 1 of the Draft Brief in detail and contribute to PTA including proposals on a possible course of action regarding Resolutions and Recommendations.

Regarding the proposed suppression of Resolution 99, CPG was informed by the ITU representative that Resolution 99 may be proposed to be revised at WRC-19 in order to avoid the creation of a new Resolution at each WRC on the same purpose. PTA was tasked to reflect this at its next meeting.

The draft Brief and draft ECP on AI 4 were approved and can be found in ANNEXES IV-18 and V-18.

WRC-19 Agenda item 8 – Review of footnotes

The Coordinator, Mr Dmytro Protsenko (UKR), introduced the draft Brief and the draft new ECP in ANNEX IV-20 and ANNEX V-20 to CPG(18)045.

He encouraged Administrations to consider the action points listed in Chapter 5 of the draft Brief. Also administrations that either plans the deletion of their footnotes or their country names from footnote or to pursue any deletions are invited to inform the Coordinator until the 6th PTA meeting in April 2019.

The coordinator drew attention of the meeting to the proposals in the European Aeronautical Common Position (EACP) for WRC-19 in which a number of CEPT administrations are concerned with respect to propose deleting the footnotes Nos 5.201, 5.202, 5.359.

Noting the APT preliminary views on modifications to Resolution 26, a first draft ECP was developed. Resolution 26 was analysed and it is concluded that the existing practice has worked and therefore there is no need to change the Resolution 26.

The draft Brief and draft ECP on AI 8 were approved and can be found in ANNEXES IV-20 and V-20.

WRC-19 Agenda item 10 – Future Agenda Items

The Coordinator, Mr Pasi Toivonen (FIN), introduced the draft new Brief in ANNEX IV-24 to CPG(18)045.

CPG19-6 had tasked PTA to consider if it is appropriate to incorporate the conclusion of CPG on the preparation of an ECP for AI10 into the ECC Working Methods (WM). Based on several contributions the matter had been considered at PTA and it had been concluded that a revision on the ECC WM was not needed, since possible variations regarding the structure of ECPs are already covered by the current version of Annex 8.

The meeting confirmed support for the preliminary Agenda items 2.1, 2.2, 2.3 and 2.5 of Resolution 810 (WRC-15) to be included in the Agenda for WRC-23. It was also concluded that further consideration is required concerning Agenda item 2.4 (study of spectrum needs and possible new allocations to FSS in the frequency band 37.5-39.5 GHz).

In response for the call of new Agenda items, a number of proposals were submitted. The chairmen of other CPG Project Teams as well as ECC PT1 were reminded about the Liaison Statement on the deadline for submitting proposals for new Agenda Items for WRC-19 to PTA. The final deadline for submission is the next PTA meeting taking place during the first week of April 2019. Administrations were also urged to submit proposals to the next meeting of PTA.

CPG confirmed also the principle to propose a modification to Annex 1 of Resolution 804, "the Principles for establishing agendas for WRCs". These proposals relate to the definition and the establishment of issues under Agenda item 9.1 at future conferences. This is incorporated in the preliminary CEPT position and the draft ECP noting that this was not submitted to CPG yet.

The draft CEPT Brief on Agenda item 10 was presented for the first time for CPG. It included the initial findings of preliminary Agenda items for WRC-23 as well detailed information on the two proposals for new Agenda items received so far.

The draft Brief on AI 10 was approved and can be found in ANNEX IV-24.

Doc 072 from Finland and Germany was proposing a CEPT contribution to CPM19-2. This proposed adding a short description and background for preliminary Agenda item 2.5 in the section dealing with Agenda item 10. The contribution was unanimously approved with minor modifications and Finland will submit this contribution to CPM19-2.

The CEPT contribution was approved and can be found in ANNEX VI-02.

The meeting noted the views expressed in INFO069 and INFO070 from Germany on WRC-19 Agenda item 10 proposals regarding IMT as well on 13 GHz ESIM-A.

## PTB

The Chairman of PTB, Mr Stephen Limb (G), introduced the progress report in doc 046, including a document on Agenda item 1.5 proposed to be submitted as a CEPT document to CPM, a reviewed set of eight draft CEPT Briefs of all Agenda items and a set of six draft ECPs in the remit of PTB.

WRC-19 Agenda item 1.4 – Review Annex 7 of Appendix 30

Luxembourg introduced doc 050 proposing modifications to the draft CPM text. The contribution addressed two issues: possible inconsistencies as a consequence of removal of some orbital limitations and date of entry into force of the modifications of Annex 7 to Appendix 30. CPG established a drafting group which agreed to address in the contribution to the CPM, only the date of entry into force issue. Regarding the other issue the common understanding was that further technical discussions in PTB are required.

The CEPT contribution on draft CPM text for Agenda item 1.4 was unanimously approved by CPG and can be found in ANNEX VI-03.

The Russian Federation informed the meeting that it is considering an additional contribution to the CPM19-2 meeting regarding Draft CPM Report on WRC-19 AI 1.4 not related to the revision of Article 59 and draft new Resolution [EUR-A14- ENTRY-INTO-FORCE] (WRC-19).

The Coordinator, Mr Adrian Herbera (E), introduced ANNEX V-04 to CPG(18)046 containing the ECP. For all limitations except for A1a and A2a, CEPT has a stable position. For these two limitations, CEPT supports their removal but contemplates two options corresponding to options B and C of the draft CPM Report. The proposal for the date of entry into force introduced in the contribution from Luxembourg was reflected in the ECP.

The Coordinator also introduced the draft CEPT Brief in ANNEX IV-04 to CPG(18)046.

Germany introduced doc 058, which expressed its preference for Method C as option to address the removal of limitations A1a and A2a. The meeting decided that further discussions in order to decide between the two options are required at PTB.

The draft Brief and draft ECP on AI 1.4 were approved and can be found in ANNEXES IV-04 and V-04.

WRC-19 Agenda item 1.5 – ESIM

The Coordinator, Mr Nandan Patel (G), introduced the draft CEPT Brief in ANNEX IV-05 to CPG(18)046. Three input contributions doc 055, 057 and 059 were received at this meeting proposing further changes to the draft CEPT Brief. These changes were considered and adopted by the meeting with some amendments.

The draft Brief on Agenda item 1.5 was approved and can be found in ANNEX IV-05.

Three input contributions, doc 056, 057 and 069, proposing amendments to draft CPM Report, were received from Russian Federation, France and United Kingdom respectively. A drafting group considered these contributions and produced a consolidated output document. Concerns were raised regarding the wording of the new proposed option 2 for resolves 1.1.3 and 1.1.4 and were resolved after further consideration.

The output document proposing amendments to draft CPM report on AI1.5 was approved by CPG as CEPT contribution to CPM19-2 and can be found in ANNEX VI-04.

WRC-19 Agenda item 1.6 – Non-GSO FSS Q/V band

In the absence of the Coordinator, the Chairman of PTB introduced the Draft ECP and the draft Brief in Annex IV-06 and Annex V-06 to CPG(18)046.

Concerns were expressed regarding the aspect of unwanted emission limits for non-GSO ES in the various bands. PTB was tasked to reconsider the issue of unwanted emission limits for non-GSO FSS.

Doc 060 from ESA/EUMETNET/EUMETSAT was introduced to already consider at WRC-19 revising the current unwanted emission limits for GSO satellites in Resolution 750. Certain sensors operating at a low elevation angle are already not protected so adding non-GSO systems will further degrade the operation. It was questioned whether a new WRC-23 AI is necessary to look at such GSO limits or better address it under AI 1.6. There was resistance by some administrations to solve the issue at WRC-19 as such proposal would be outside the scope of AI 1.6, whereas some other administrations expressed sympathy to an immediate comprehensive solution. PTB was tasked to consider whether a modification of the GSO unwanted emission limit in Resolution 750 can be treated under this Agenda item.

The draft Brief and draft ECP on AI 1.6 were approved and can be found in ANNEXES IV-06 and V-06.

WRC-19 Agenda item WRC-15 Agenda item 7 – Satellite procedures

The Coordinator, Ms Anna Marklund (S), introduced the draft CEPT Brief in ANNEX IV-19 to CPG(18)046. The draft Brief includes thirteen separate Annexes, ordered and labelled according to the draft CPM Report.

In addition, there were two contributions on Issue A proposing revisions to the draft CEPT Brief including proposed amendments to the preliminary CEPT position, doc 065 from France and Italy, and doc 068 from United Kingdom. These contributions were discussed and it was agreed that CPG would provide the following guidance to PTB.

Concerning Agenda item 7, issue A, there is a consensus at CPG and WP 4A level on the principle of a milestone-based approach to avoid warehousing of scarce spectrum and orbit resources.

The date of entry into force of the new rules, as well as possible transitional measures, are still under discussion in CEPT and ITU. Choice of these dates has an impact on the systems currently under development since strict deadlines could lead to detrimental impact on some of those projects. On the other hand, it is important not to have measures that would lead to unacceptable uncertainty in terms of coordination requirements, especially for constellations at an earlier stage of deployment, and which could compromise the overall principle of having milestone measures for non-GSO platforms.

As a guiding principle, CPG is of the view that the Radio Regulations should not be used to eliminate real non-GSO constellations and WRC-19 should not be used as a tool to reduce the number of competing non-GSO systems.

Regarding issue M it was emphasized that the principles outlined in the preliminary CEPT position do not encompass the relevant parameters of non-GSO satellite systems with short duration missions for API and notification as well as the necessity of BR verification of these parameters. PTB is tasked to address this issue during its next meeting.

The draft CEPT Brief on AI 7 was approved and can be found in ANNEX IV-19.

The meeting considered draft ECPs on Issue B in ANNEX V-19B to CPG(18)046 and on Issue D in ANNEX V-19D to CPG(18)046 respectively, both of which were unchanged from the versions agreed at the last CPG meeting.

The draft ECPs on AI 7, issues B and D were approved and can be found in ANNEXES V-19B and V-19D.

The Coordinator raised again the issue of support by a coordination team at CPM19-2 and WRC-19.

Potential candidates had been suggested for Issues A, F, and G. Support is still needed for issue M.

Regarding issue F, the Russian Federation made the following statement:

The Russian Federation informs the meeting that it could not support the preliminary CEPT position on the Issue F of the AI 7 and it is continuing study on the appropriateness of applying the proposed criteria for allotments and assignments in the List of the Appendix 30B, especially for assignments converted from the allotments in order to maintain the existing level of protection required for successful operation.

Regarding issue G, the Russian Federation made the following statement:

The Russian Federation informed the meeting that it could not support the preliminary CEPT position on the Issue G of the AI 7 and it continues to support the "No changes in the RR" method with a view to preserving the possibility of adding new assignments to the Lists of RR Appendices 30 and 30A.

WRC-19 Agenda item 9.1, issue 9.1.3 – Non GSO FSS C-band

The Coordinator, Mr Ethan Lavan (F), introduced the draft CEPT Brief on AI 9.1 issue 9.1.3, as ANNEX IV-21C to CPG(18)046, noting that the preliminary CEPT position has not changed since the previous CPG meeting.

The coordinator noted that a draft ECP, which will reflect the preliminary CEPT position of no change as concerns revisions to the relevant pfd and epfd limits of Articles 21 and 22 of the Radio Regulations, will be developed at the next PTB meeting in March 2019.

The draft Brief on AI 9.1.3 was approved and can be found in ANNEX IV-21C.

WRC-19 Agenda item 9.1, issue 9.1.7 – Unauthorised terminals

The Coordinator, Mr Guy Christiansen (D), introduced the draft Brief, which was unchanged from the version agreed at the previous CPG meeting, and the draft new ECP as ANNEX IV-21C and ANNEX V-21C to CPG(18)046.

The draft Brief and draft ECP on Agenda item 9.1, issue 9.1.7 were approved and can be found in ANNEX IV-21G and ANNEX V-21G.

Statement by Russian Federation:

The Russian Federation does not support current CEPT position on Issue 9.1.7 of WRC-19 Agenda item 9.1 (unauthorized uplink transmissions of ES terminals) (NOC). Current CEPT position does not address the issue of unauthorized uplink transmissions of ES terminals raised by administration of Arab countries at WRC-15.

The Russian Federation believes that based on the regulatory provisions which were already incorporated into the RR as well as to some ECC Decisions for some of the frequency bands and / or for some of the specific applications (see Res. 156 (WRC-15) for the band 29.5-30.0 GHz and Res. 25 (WRC-03) for ES with mobility, Decision ECC/DEC/(17)04 for ES in Ku band etc.) effective generic measures to minimize unauthorized uplink transmissions of ES terminal usage could be developed.

During the ITU-R WP 1B meetings by a number of interested parties including CEPT countries a draft Resolution was developed which addresses all concerns regarding unauthorized up-link transmissions of ES terminals and the Russian Federation support this new WRC Resolution (Option 2 in draft CPM Report on Issue 9.1.7 of WRC-19 Agenda item 9.1).

WRC-19 Agenda item 9.1, issue 9.1.9 – FSS 50 GHz

In the absence of the Coordinator, the PTB Chairman introduced the draft ECP and the draft Brief as contained in ANNEX IV-21J to CPG(18)046. After discussion it was decided to reinstate the square brackets around the values for unwanted emission and associated elevation angles in both the draft Brief and the draft ECP. PTB was tasked to look at the issue of power limits and elevation angles again.

France informed that a new Coordinator would be needed after the next PTB meeting.

The draft Brief and draft ECP on Agenda item 9.1, issue 9.1.9 were approved and can be found in ANNEX IV-21J and ANNEX V-21J.

WRC-19 Agenda item 9.3 – Due diligence

The PTB Chairman introduced the draft Brief which was unchanged from the version agreed at the previous CPG meeting.

The draft Brief on AI 9.3 was approved and can be found in ANNEX IV-23.

## PTC

The Chairman of PTC, Mr Martin Weber (D) introduced CPG19(18)047 containing the meeting report of the 6th PTC meeting, the draft Briefs on Agenda items 1.8, 1.9.1, 1.9.2, 1.10 and 9.1 issue 9.1.4 as well as the draft ECP on Agenda items 1.8, 1.9.1, 1.9.2 and 1.10.

WRC-19 Agenda item 1.8 – GMDSS

The Coordinator, Ms Talayeh Hezareh (D), introduced the draft ECP on Issue A: the modernisation of GMDSS in ANNEX V-08A and the draft ECP on Issue B: the addition of a new satellite system to the GMDSS in ANNEX V-08B to CPG(18)047.

Regarding the draft ECP on Issue A the Russian Federation expressed some reservation while the Czech Republic expressed opposition to the proposed method in the draft ECP on Issue B.

Doc 054 (G) proposed an amendment to the ‘reasoning’ for the new footnote 5.B18 proposed in the draft ECP on Issue B. After discussion this text was amended in the draft ECP with some further modification.

The draft ECP on the modernisation of GMDSS was approved and can be found in ANNEX V-08A.  
The draft ECP on the addition of a new satellite system to the GMDSS was approved and can be found in ANNEX V-08B. The draft Brief on Agenda item 1.8 was approved and can be found in ANNEX IV-08.

Statement by the Russian Federation:

The Russian Federation does not finalised studies in the frequency bands 415-495 kHz and 505-526.5 kHz. That is why the Russian Federation reserved its position with respect to application of NAVDAT MF system in this frequency band.

WRC-19 Agenda item 1.9 – Maritime

WRC-19 Agenda item 1.9.1 – Autonomous maritime radio devices

The Coordinator, Mr Heinrich Peters (D) introduced ANNEX IV-09A to CPG(18)047 containing the draft Brief on Agenda item 1.9.1 and ANNEX V-09A to CPG(18)047 containing the draft ECP on Agenda Item 1.9.1.

The Netherlands reserved its position on the channels proposed in the ECP for the use by AMRD group B devices.

The draft Brief and draft ECP on AI 1.9.1 were approved and can be found in ANNEXES IV-09A and V-09A.

WRC-19 Agenda item 1.9.2 – VDES satellite

The Coordinator Mr Lars Løge (N) introduced the draft Brief on Agenda item 1.9.2 in ANNEX IV-09B to CPG(18)047, and the draft new ECP in ANNEX V-09B to CPG(18)047. Doc 053 proposed changes to the draft ECP, which was accepted and incorporated into the draft ECP.

Switzerland reserved its position regarding the status of the MMSS.

The draft Brief and draft ECP on AI 1.9.2 were approved and can be found in ANNEXES IV-09B and V-09B.

Statement from the Russian Federation:

The Russian Federation notes that ITU-R studies conducted under Agenda item 1.9.2 of WRC-19 agenda did not confirm the feasibility of implementation of the VDES satellite component. In this regard, the Russian Federation opposes to any primary allocations to the Maritime mobile satellite service in the frequency range 156-162.05 MHz.

WRC-19 Agenda item 1.10 – GADSS

The Coordinator Mr Jerome André (F) introduced the revision of the draft CEPT Brief in ANNEX IV-10 to CPG(18)047 and the draft ECP in ANNEX IV-10 to CPG(18)047.

The draft ECP developed by PTC contains two options to solve the Agenda item.

Doc 064 from France proposes not to change the RR under this Agenda item. Several administrations recognize that this method could also be an interesting option and asked for further consideration.

After discussing the proposals, the meeting agreed that it is too premature to approve the draft ECP without further consideration by PTC. PTC was also tasked to try to converge on one option.

The draft Brief on Agenda item 1.10 was approved and can be found in ANNEX IV-10.

WRC-19 Agenda item 9.1, issue 9.1.4 – Suborbital planes

The acting coordinator Mr Martin Weber introduced the draft Brief on Agenda item 9.1 issue 9.1.4.

The draft CEPT Brief on Agenda item 9.1, issue 9.1.4 was approved and can be found in ANNEX IV-21D.

Resolution 155 (WRC-15)

The Chairman of PTC further informed about the development of studies in ITU-R WP5B on the studies on a pfd mask for the protection of terrestrial services, as a replacement of the mask in Annex 2 to Resolution 155 (WRC-15). In WP5B it was agreed to change the presentation of the pfd limit by using a logarithmic curve to have the same presentation of the limit as proposed for frequencies below 14.25 GHz. The new curve is for all elevation angles below the one originally proposed by CEPT and therefore provides the same level of protection for terrestrial stations.

The meeting noted this information.

## PTD

The Chairman of PTD, Mr Alexandre Kholod (SUI), introduced CPG19(18)048 including the set of draft CEPT Briefs and draft ECPs for WRC-19 Agenda items in the remit of PTD. The meeting noted the availability of a number of ECPs for final adoption (see section 7 below). The Chairman of PTD also informed the meeting of the submission and preparation of CEPT contributions to ITU-R.

WRC-19 Agenda item 1.1 – Amateurs

The Coordinator, Mr Hans Blondeel Timmerman (HOL) introduced the draft Brief on Agenda item 1.1 in ANNEX IV-01 to CPG19(18)048.

France proposed in doc 071 a secondary allocation for the amateur service in the band 50-52 MHz. There was an equal balance between administrations supporting this proposal and those suggesting a primary status for the amateur services in part of the 50-52 MHz band.

During the discussion on the band 50-52 MHz, concerns were raised on the protection of the wind profiler radars and their future development as well as the recognition of a possible new amateur service allocation in case of a future band planning. Views were expressed that a future planning exercise for the band is outside the scope of this Agenda item.

PTD was tasked to further discuss the matter taking into account international implications of allocations in the RR and national sovereign rights in managing the spectrum. Should the divergence in views persist, PTD will need to develop two options for the draft ECP on this agenda item for consideration by CPG19-8.

The draft CEPT Brief on Agenda item 1.1 was approved and can be found in ANNEX IV-01.

WRC-19 Agenda item 1.11 – Tracksides

In the absence of the Coordinator, the Chairman of PTD, Mr Alexandre Kholod (SUI) introduced the draft ECP and Brief on Agenda item 1.11 provided in ANNEX V-11 and ANNEX IV-11 to CPG19(18)048, respectively.

The meeting agreed to forward the draft ECP for final approval.

The meeting further endorsed the modifications proposed to draft Brief and requested PTD to find a replacement of the editorial notes with some general sentences.

The draft Brief on AI 1.11 was approved and can be found in ANNEX IV-11.

The ECP on AI 1.11 was finally adopted (0 opposes, 0 abstains; see also section 7) and can be found in ANNEX V-11.

WRC-19 Agenda item 1.12 – ITS

The Co-coordinator, Mr Tobias Vieracker (D) introduced the draft ECP and draft Brief on Agenda item 1.12 provided in ANNEX V-12 and ANNEX IV-12 to CPG19(18)048, respectively.

After minor editorial amendments to the introductory part, the meeting agreed to forward the draft ECP for final approval.

The meeting endorsed the modifications proposed to the draft Brief as suggested by PTD and agreed that no further actions are required under this Agenda item.

The draft Brief on AI 1.12 was approved and can be found in ANNEX IV-12.

The ECP on AI 1.12 was finally adopted (0 opposes, 0 abstains; see also section 7) and can be found in ANNEX V-12.

WRC-19 Agenda item 1.16 – RLAN 5 GHz

The Coordinator, Mr Andrew Gowans (G) introduced the draft ECPs for the bands 5 250-5 350 MHz, 5 350-5 470 MHz, and 5 850-5 925 MHz as given in ANNEXES V-16B, V-16C, V-16E to CPG19(18)048. The meeting agreed to forward these ECPs for final adoption.

The Coordinator introduced further the two alternative ECPs for the band 5 725-5 850 MHz, one supporting “No Change” and another supporting a mobile allocation through a country footnote as provided in ANNEX V-16Di) and ANNEX V-16Dii) to CPG19(18)048, respectively. In this respect, doc 067 from UK provided some reasoning in support of the mobile allocation through a country footnote in that band. Though a number of administrations expressed sympathy with the arguments from UK, there were other administrations favouring the "No Change" option. The main issue for them is the protection of some specific frequency hopping radars and Road Tolling systems. In view of no convergence in views expressed, the meeting decided to send these two ECPs back to PTD for further consideration.

After the introduction by the Coordinator the meeting considered the proposed revisions from PTD to the draft Brief on Agenda item 1.16 as given in ANNEX IV-16 to CPG19(18)048.

The draft Brief on AI 1.16 was approved and can be found in ANNEX IV-16.

The draft ECPs on AI 1.16 for the bands 5 250-5 350 MHz, 5 350-5 470 MHz, 5 850-5 925 MHz were finally adopted (0 opposes, 0 abstains; see also section 7) and can be found in ANNEX V-16N (V-16B, V-16C, V-16E).

WRC-19 Agenda item 9.1, issue 9.1.5 – Protection criteria 5 GHz

The Coordinator, Mr Andrew Gowans (G) introduced the draft Brief on AI 9.1 Issue 9.1.5 in ANNEX IV-21E to CPG19(18)048.

A discussion took place on a possibility to insert a "No change" option in the preliminary CEPT position in addition to the solution consisting in deleting the references to Recommendations ITU-R M.1638 and M.1849 that is being currently investigated. However, a number of administrations expressed their support of having focus on one solution in the text of the preliminary CEPT position.

The meeting tasked PTD to start the development of an ECP for this issue.

The draft CEPT Brief on Agenda item 9.1, issue 9.1.5 was approved and can be found in ANNEX IV-21E.

Statement from the Russian Federation

The Russian Federation is of the view that it is necessary to retain conditions of the frequency usage in the bands 5250-5350 MHz and 5470–5725 MHz mentioned in 5.447F and 5.450A RR. In this regard, the Russian Federation opposes to the solution proposed for AI 9.1.5 of WRC-19.

WRC-19 Agenda item 9.1, issue 9.1.6 – Wireless power transmission systems for electric vehicles

The Coordinator, Mr Fatih Yurdal (TUR) introduced the draft CEPT Brief on Agenda item 9.1, Issue 9.1.6 in ANNEX IV-21F to CPG(18)048.

The meeting noted the information from the Coordinator about the decision of ITU-R WP 1B to ask for the submission of the CEPT contribution (Elements for a working document towards a PDNR ITU-R [WPT-UNWANTED]) to ITU-R WP 1A meeting.

The draft Brief on Agenda item 9.1, issue 9.1.6 was approved and can be found in ANNEX IV-21F. The unchanged draft ECP can be found in ANNEX V-21F.

Statement from Sweden

Sweden does currently not support the frequency band 19-21 kHz as a candidate band for WPT-EV. In our view sharing studies need to be performed to verify the compatibility between WPT EV and incumbent services in the 19-21 kHz frequency band. We reserve our right to address this issue in future meetings within CEPT and ITU.

Statement by the Russian Federation

The Russian Federation notes that compatibility studies conducted only in the frequency band 79-90 kHz and have not finished in the frequency band 19-21 kHz. In this regard, the Russian Federation reserves its position regarding proposal to use frequency band 19-21 kHz for WPT-EV.

## ECC PT1

The Chairman of ECC PT1, Mr Steven Green (G), introduced the progress report in doc 049, including a reviewed set of four draft CEPT Briefs of all Agenda items and a set of eight draft ECPs in the remit of ECC PT1.

WRC-19 Agenda item 1.13 – IMT-2020

The Coordinator, Mr Robert Cooper (G), introduced the draft ECPs in ANNEX V-13 to CPG(18)049 taking into account the guidelines from CPG19-6.

It was noted that the suppression of Resolution 238 is missing from some of the draft ECPs. ECC PT1 was tasked to ensure consistency.

### Draft ECP on 24.25-27.5 GHz

The meeting considered the new draft ECP for 24.25-27.5 GHz.

It was noted that some of the reasons are missing and needed to be considered by ECC PT1.

Some administrations expressed concerns on the inclusion of the word "normally" in the proposed Resolution. It was noted that this text was taken from Decision ECC/DEC/(18)06. ECC PT1 should discuss how to bring further clarity on this matter, while ensuring consistency with the ECC Decision, based on contributions.

The meeting endorsed the draft ECP on 24.25-27.5 GHz which can be found in ANNEX V-13A.

*Statement from the Russian Federation.*

The Russian Federation objects to the ECP for the following reasons:

The method proposed in ECP for protection of ISS and FSS (“IMT base stations antenna should normally transmits only with the main beam pointing below the horizon”) is not implementable on practice and could not be enforced by administrations due to the word “normally” used when defining limits for antenna main beam elevation angle, as a result ISS and FSS will not be protected. Moreover, restriction for antenna main beam elevation angle will dramatically constrains possibilities to build cost effective IMT coverage area especially for not-flat coverage areas (e.g. areas with multistore buildings). The Russian Federation is of the view that instead of restriction for IMT BS antenna main beam elevation angle the proved by practice solution for protection of space receivers should be used - angular e.i.r.p. mask for the emissions of IMT BS in the skyward direction.

In addition the ECP does not address protection for EESS from the emission of IMT BS on second harmonic while CEPT concluded that the limit of −60 dB(W/MHz) for IMT second harmonic is required.

### Footnotes in 25.5-27 GHz

The ECC PT1 Chairman outlined the discussion that had taken place on Nos 5.536A, 5.536B and 5.536C. A summary of the issues and possible actions had been included in Annex 1 to CPG(18)049. ESA/EUMETSAT/EUMETNET introduced doc 061 and highlighted its position of seeking suppression of 5.536A.

Some administrations were of the view that the footnotes contradict Decision ECC/DEC/(18)06 and the draft EU framework under development and that 5.536B and 5.536C seem to address national matters not relevant for the Radio Regulations, and prefer suppression of all three footnotes. Some others were of the view that there is no conflict with Decision ECC/DEC/(18)06 and did not support any review of the footnotes.

Since Nos 5.536B and 5.536C are multi-country footnotes, it was considered whether these should be addressed under WRC-19 Agenda item 8, instead und AI 1.13. The coordinator for Agenda item 8 advised that proposals under AI 8 for removal of country names from a footnote applying to a frequency ranges within the scope of another Agenda item¸ will be dealt with under that particular Agenda item in accordance with Resolution 26.

Due to the limited number of EESS/SRS Earth stations, it was highlighted that further consideration on No 5.536A should maintain the protection of existing EESS/SRS earth stations and the continued opportunity to deploy future receiving earth stations in a proportionate way.

ECC PT1 was tasked to further develop a common approach on these footnotes consistent with the European framework.

### Draft ECP on 31.8-33.4 GHz

The meeting considered the draft new ECP for NOC in 31.8-33.4 GHz. It was commented that references to "32 GHz" should be replaced with the exact frequency band.

The meeting endorsed the draft ECP on 31.8-33.4 GHz which can be found in ANNEX V-13B. This draft ECP will be subject to adoption at the next CPG meeting.

### Draft ECP on 37-43.5 GHz

The meeting considered the draft new ECP for 37-43.5 GHz.

ESOA introduced doc 068, proposing the consideration of regional IMT footnotes for this band. ESA/EUMETNET/EUMETSAT introduced doc 061 raising the necessary protection of incumbent services in the band and adjacent to the band 37-40.5 GHz, representing European interest with EESS (passive) sensing and EESS/SRS earth stations.

The meeting considered the issue in light of a possible technical tuning range concept and its consequences on the negotiations at WRC-19. A common denominator has been identified in absence of the intention of implementing IMT in the band 37-40.5 GHz for various reasons. Noting the positions of other regional groups, in particular in Region 1, there was also agreement that CEPT will not oppose an identification of the lower band.

Different approaches, e.g. splitting the draft ECP into three parts or addressing the issue only in the Brief, have been suggested.

The meeting concluded that the ECP should improve the reasoning to explain the CEPT view in a consistent way (e.g. by using NOC not underlined); in particular that CEPT does not oppose proposals for an identification of the lower band.

The draft ECP was not endorsed and ECC PT1 was tasked to work further on the draft ECP for 37-43.5 GHz taking into account the results of the considerations.

The Russian Federation reserved their position on 42.5-43.5 GHz.

The Russian Federation is of the view that draft ECP for the band 37-43.5 GHz should be split onto 3 separate ECPs namely ECP for 37-40.5 GHz, ECP for 40.5-42.5 GHz and ECP for 42.5-43.5 GHz. In accordance with Resolution 238 decision is to be taken by WRC-19 separately for this 3 frequency bands and the results of ITU-R studies identify for these bands different conditions for protection of incumbent services.

### Draft ECP on 66-71 GHz

The meeting considered the draft new ECP for 66-71 GHz.

The meeting endorsed the draft ECP on 66-71 GHz which can be found in ANNEX V-13D.

*Statement from the Russian Federation*

The Russian Federation objects to the ECP for the following reasons:

The Russian Federation believes that it is premature to develop ECPs for the band 66-71 GHz as compatibility studies with all primary services in this band was not finalised.

### Draft ECP on 71-76 GHz

The meeting considered the draft new ECP for 71-76 GHz.

The meeting endorsed the draft ECP on 71-76 GHz which can be found in ANNEX V-13E. This ECP is expected to be finally approved at the next CPG meeting.

### Draft ECP on 81-86 GHz

The meeting considered the draft new ECP for 81-86 GHz.

The meeting endorsed the draft ECP on 81-86 GHz which can be found in ANNEX V-13F. This ECP is expected to be finally approved at the next CPG meeting.

### Draft CEPT Brief

The Coordinator, Mr Robert Cooper (G) introduced the draft Brief in ANNEX IV-13 to CPG(18)049.

The meeting tasked ECC PT1 to review the positioning on 37-43.5 GHz to reflect the conclusions on the draft ECP for this frequency range. The Brief needs to include the relevant text on protection of other services in 37-40.5 GHz and of the adjacent band 36-37 GHz.

Lithuania introduced the multi-country contribution in doc 059. The meeting concluded to retain the note in the preliminary position for Agenda item 1.13 and modify the note under Agenda item 1.5 (see ANNEX IV-05).

The draft Brief on AI 1.13 was approved and can be found in ANNEX IV-13.

WRC-19 Agenda item 9.1, issue 9.1.1 – 2 GHz MSS IMT

The Co-Coordinator, Ms Denise Urbach (D), introduced the draft Brief in ANNEX IV-21A to CPG(18)049.

Ukraine introduced doc 070 addressing the use of FS in the 2 GHz band. The proposal was added to the Brief and ECC PT1 was tasked to consider this further. It was proposed to make reference to ECC/DEC/(06)10 which decided to remove FS from this frequency band.

The meeting considered the possibility to address other Regions in the preliminary position regarding interference scenario A1 and take account of No 5.398F.

Concerns were raised that the proposed e.i.r.p. limit needed to be consistent with other thresholds, e.g. those in issue 9.1.2. This will be further considered in ECC PT1.

ECC PT1 was tasked to provide a draft ECP on issue 9.1.1. The meeting was informed that the Russian Federation had provided a proposal for a draft ECP to an earlier ECC PT1 meeting and this should be considered at the next meeting of ECC PT1.

The draft Brief on Agenda item 9.1, issue 9.1.1 was approved and can be found in ANNEX IV-21A.

WRC-19 Agenda item 9.1, issue 9.1.2 – L-band BSS sound

The Co-Coordinator, Ms Denise Urbach (D) introduced the draft Brief in ANNEX IV-21B to CPG(18)049 and the draft new ECP in ANNEX V-21B to CPG(18)049.

ECC PT1 was tasked to consider suppression of Resolution 761 (WRC-15).

The draft Brief and draft ECP on Agenda item 9.1, issue 9.1.2 were approved and can be found in ANNEX IV-21B and ANNEX V-21B.

Statement by the Russian Federation

The Russian Federation reiterate its position presented at the CPG19-2, CPG19-3, CPG19-4, CPG19-5, CPG19-6 that preliminary CEPT position is not related to the Issue 9.1.2 as in accordance with the Radio Regulation the band 1 452-1 492 MHz is not identified for IMT in any of the CEPT countries and protection of supplemental downlink under the mobile service is outside of the scope of WRC-19 AI 9.1 Issue 9.1.2. In addition the Russian Federation with regret would like to stress that CEPT position on the issue of compatibility between IMT and BSS in the band 1 452-1 492 MHz is the same as it was at before and at the WRC-15 (hard pfd limit for BSS, which does not allow individual reception in BSS) which proof to be unhelpful for finding a solution and lead to this new Agenda item at WRC-19.

WRC-19 Agenda item 9.1, issue 9.1.8 – Machine-type communications

The ECC PT1 Chairman Mr Steve Green (G), introduced draft Brief in ANNEX IV-21H to CPG(18)049 and the draft ECP in ANNEX V-21H to CPG(18)049. The conclusion on Brief and ECP is stable for some meetings and no work has been done at ECC PT1.

The draft Brief and draft ECP on Agenda item 9.1, issue 9.1.8 were approved and can be found in ANNEX IV-21H and ANNEX V-21H. This ECP is expected to be finally approved at the next CPG meeting.

Elements for Agenda item 9.2 – Inconsistencies

The United Kingdom introduced doc 066. Based on their review of 5.441B on 4 800-4 990 MHz, the UK proposed a draft ECP for no change to the technical conditions, and a modification to the footnote to remove any further need to review.

Further clarification was sought on studies to justify the current criteria. It was outlined that no agreement has been reached on studies for this band in response to Resolution 223 and there was support for the proposal.

ECC PT1 was tasked to develop a preliminary CEPT position on the issue in time for CPM19-2.

# Final Adoption of ECP

[…]

# Schedule of Meetings

[…]

# Date and Place of next CPG meetings (including timing 2019)

The following meetings of the CPG are scheduled:

|  |  |  |
| --- | --- | --- |
| Meeting: | Date: | Country: |
| CPG19-8 | 20th - 24th May 2019 | Stockholm, Sweden |
| CPG19-9 | 26th - 30th August 2019 | [TBD] |
|  | | |

[…].

# Any other business

[…]

In order to distribute equally the charge between the project teams, the meeting decided to task PTD with the preparations of common CEPT positions for RA-19.

The terms of reference (ToR) of PTD has been revised accordingly and can be found in ANNEX VI-05.

The Chairman requested the PTD chairman to highlight appropriate time slots in the agenda of PTD so that the concerned participants may ease their travel arrangements.

# Approval of the minutes oF CPG19-7

[…]

# Closure of the meeting

[…]