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| CPG | | Doc. PTA(19)105 | |
| CPG19 PTA-7 | |  | |
| Prague, Czech Republic, 17 – 21 June 2019 | | | |
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| Subject: | Draft Minutes of PTA-7 | |
| Group membership required to read? (Y/N)  N N | | |
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# Opening of the meeting

Mr Gerlof Osinga, Chairman of CPG19-PTA, opened the meeting and welcomed the participants and observers of interregional organisations to Prague.

On behalf of Mr Petr Zeman, Head of the Division of Policy Development and Strategies of the Czech Telecommunication Office, Mr Karel Antousek welcomed the meeting to Prague, the capital city of the Czech Republic. He expressed the importance of the work in preparation to the WRC-19 and concluded with wishing the meeting successful days. Furthermore Mr Karel Antousek provided additional information on the organisation and premises.

The Chairman thanked the Czech Telecommunication Office for the invitation to host the 7th PT A meeting in Prague. The Chairman indicated the main goal of this last PTA meeting: to finalize its work on the issues for which this project team has responsibility , with main emphasis on the remaining draft ECPs to prepare them for adoption at the final CPG meeting. He then informed the participants on the schedule for this last CPG PT A meeting.

The list of participants can be found in ANNEX I (members only). The list of output documents is given in ANNEX II.

# Adoption of the agenda

The Chairman introduced the draft agenda. The meeting agreed to handle the late contributions of the Russian Federation INFO 05 and Slovenia INFO 09 as a normal contribution. The meeting noted that input documents for agenda item 10 of Lithuania (19)080 and Lithuania/Slovenia document (19)088 where not complete and that input document of Germany (19)097 on agenda item 1.14 was out of scope for what concerned proposals on Option A in the draft ECP, as per decision made at the last CPG meeting. The meeting agreed to introduce these documents at the drafting level but that they would not be considered. The meeting finally adopted the agenda as given in ANNEX III.

# REVIEW of outcome / decisions cpg

The Chairman informed the meeting on relevant issues that came out of the eight CPG meeting (document (19)065. All draft CEPT Briefs and draft ECPs were approved, including the adoption of the ECPs on the Agenda Items 1.2; 1.3 and 1.15. CPG agreed both on Mr Markus Dreis as CEPT coordinator for Agenda item 1.15 and thanked the Administration of Azerbaijan for nominating Mr Rahid Alekberli to be the CEPT coordinator for AI 8. The Chairman also informed the meeting on the specific tasks given by CPG19-8. The meeting noted the information. He then informed the participants on the schedule for the upcoming (and last) CPG meeting.

# Reports from other Regional Organisations

ETNO provided their positions on a number of agenda items, (19)INFO 06.

The Chairman asked the coordinators to also update section 6 of their relevant draft CEPT Brief, dealing with “Relevant information from outside CEPT”.

# Organisation of the work (drafting groups etc)

The meeting agreed to work with Drafting Groups for each WRC-19 Agenda Item. These Drafting Groups were chaired by the relevant coordinators. In absence the of Mr Wouter Jan Ubbels (HOL) the meeting agreed to appoint Mr John Rogers (G) as acting coordinator for agenda item 1.7.

Related to the work on agenda item 10 (Future Agenda), the Chairman iterated the agreed guidelines by CPG19-8. The objective of PTA is to deliver one ECP containing all proposals. It was indicated that at least one Administration must support a proposal to be considered at the PTA-7 meeting. Furthermore proposals must be complete, that means including all required information indicated in the template in Annex 2 to Resolution 804 (Rev.WRC-12).

The schedule of the meeting was discussed and approved.

# Introduction, discussion and consideration of documents

## Agenda item 1.2

to consider in-band power limits for earth stations operating in the mobile-satellite service, meteorological-satellite service and Earth exploration-satellite service in the frequency bands 401-403 MHz and 399.9-400.05 MHz, in accordance with Resolution 765 (WRC-15);

Input document (19)093 was introduced.

The Drafting Group on this issue, chaired by Mr Jean Pla (F), the CEPT coordinator for AI 1.2, considered the above mentioned document, containing the draft CEPT Brief. The coordinator proposed some changes following the adoption of the ECP at the last CPG. After a short discussion, the meeting agreed with the proposed changes. The coordinator thanked the group for their continuous support during the whole WRC cycle.

The draft CEPT Brief ANNEX IV-02, was agreed by the meeting and will be sent as a contribution for adoption to the CPG19-9 meeting.

## Agenda item 1.3

to consider possible upgrading of the secondary allocation to the meteorological-satellite service (space-to-Earth) to primary status and a possible primary allocation to the Earth exploration satellite service (space-to-Earth) in the frequency band 460-470 MHz, in accordance with Resolution 766 (WRC-15);

After the adoption of the ECP at the last CPG meeting, the Drafting Group on this issue, chaired by Mr Ralf Ewald (D), the CEPT coordinator for AI 1.3, had a final review of the CEPT Brief, given in document CPG(19)101 ANNEX IV-03 . The only changes agreed by the drafting group are with regard to section 6 on Relevant information from outside CEPT.

The draft CEPT Brief ANNEX IV-03, was agreed by the meeting and will be sent as a contribution for adoption to the CPG19-9 meeting.

## Agenda item 1.7

to study the spectrum needs for telemetry, tracking and command in the space operation service for non-GSO satellites with short duration missions, to assess the suitability of existing allocations to the space operation service and, if necessary, to consider new allocations, in accordance with Resolution 659 (WRC-15);

Input document (19)098 and INFO 011 were introduced.

The Drafting Group on this issue, chaired by Mr John Rogers(G), the acting coordinator for AI 1.7, considered the above mentioned documents. Some small modifications where made on the draft CEPT Brief. PTA made some editorials to the draft ECP.

The draft CEPT Brief and draft ECP on AI 1.7 contained in ANNEX IV-07 and ANNEX V-07 respectively, were agreed by the meeting and will be sent as contributions to the CPG19-9 meeting.

The Russian Federation expressed that it reserves its position as addressed in their statements given at the last PTA and CPG meetings.

## Agenda item 1.14

to consider, on the basis of ITU-R studies in accordance with Resolution 160 (WRC-15), appropriate regulatory actions for high-altitude platform stations (HAPS), within existing fixed service allocations;

Input documents (19)094, (19)095, (19)096, (19)097 and (19)100 were introduced.

The Drafting Group on this issue, chaired by Mr Nasarat Ali (G), the CEPT coordinator for AI 1.14, considered the above mentioned documents.

PTA was tasked to concentrate its further work on Option B and the modified Option C in a consensus option. During the discussions significant progress was made on this issue that resulted in a balanced compromise single solution based on Option C. Proponents of both Options B and C expressed their consent on this outcome.

The draft ECP was amended accordingly on this compromise. Option D was not touched.. It was noted that if CPG decides to adopt Option D then there may be a need to split the proposals on the on 28GHz and 31GHz bands in the draft ECP accordingly.

The draft CEPT Brief was aligned with the revised draft ECP, with main changes to the preliminary CEPT Position. The coordinator was tasked to provide any further updates to the background of the draft CEPT Brief, if necessary, through direct contribution to the next CPG meeting.

The draft CEPT Brief and draft ECP on AI 1.14 contained in ANNEX IV-14 and ANNEX V-14 respectively were agreed by the meeting and will be sent as a contribution to the CPG19-9 meeting.

## Agenda item 1.15

to consider identification of frequency bands for use by administrations for the landmobile and fixed services applications operating in the frequency range 275-450 GHz, in accordance with Resolution 767 (WRC-15);

Input document (19)099 was introduced .

The Drafting Group on this issue, chaired by Mr Markus Dreis (D), the coordinator for AI 1.15, considered the above mentioned input document. The proposed modifications were only of an editorial nature.

The draft CEPT Brief ANNEX IV-15, was agreed by the meeting and will be sent as a contribution for adoption to the CPG19-9 meeting.

## Agenda item 2

to examine the revised ITU-R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with Resolution 28 (Rev.WRC-15), and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in Annex 1 to Resolution 27 (Rev.WRC-12);

Input documents (19)091REV1 and (19)101 were introduced.

The Drafting Group chaired by Mr. Karel Antousek (CZE), the CEPT coordinator for AI 2, considered the above mentioned documents.

Possible merging of Resolutions 27 (REV. WRC-12) and Resolution 28 (REV. WRC-15) was discussed. Based on the analysis of one Administration, the meeting concluded that no benefit has been recognized except simplification of RR. Sensitivity of any changes in Resolutions dealing with Recommendations incorporated by reference was also considered. Therefore, CEPT supports no change to these Resolutions however possible proposed changes will not be objected if CEPT interest is protected.

No changes were made to the draft ECP.

The draft CEPT Brief and draft ECP on AI 2 contained in ANNEX IV-17 and ANNEX V-17 respectively, were agreed by the meeting and will be sent as contributions to the CPG19-9 meeting

## Agenda item 4

in accordance with Resolution 95 (Rev.WRC-07), to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

Input documents (19)092REV1 and (19)102 on AI 4 were introduced.

The Drafting Group on this issue, chaired by Mr. Karel Antousek (CZE), the CEPT coordinator for AI 4, considered the above mentioned documents.

Annex 1 of the Draft CEPT Brief was discussed in detail. It was recognized that a limited number of Resolutions of previous conferences to which CoA (MOD and SUP) is indicated are not accompanied by corresponding proposals. Therefore PTA has prepared a Liaison Statement to invite PTB to prepare proposals for the following Resolutions: RES 33 (REV. WRC-15), RES 85 (REV. WRC-03), RES 149 (REV. WRC-12), RES 528 (REV. WRC15) and RES 555 (REV. WRC-15) and provide these proposals to the coordinator on AI 4 three weeks prior to the last CPG meeting in Ankara (ANNEX VI-01). The Russian Federation indicated that REC 316 could be considered under agenda item 1.8 (WRC-19). After discussion it was decided that it would remain under agenda item 4. The Russian Federation reserved its position on REC 316.

As a reaction on a possible proposed modification of RES 95 (REV. WRC-07) by the APG, PTA discussed the issue and decided to propose modifications to RES 95. The main purpose is to retain resolves 1 and 2 as the current way of working is adequate.

Based on the outcome of CPM19-2 it was noted that RES 155 (WRC-15) should be taken as a Resolution under AI 9.2. After discussion with regard RES 422 (REV. WRC-12) it was decided to change the CoA from SUP to NOC and with regard RES 641 (REV. HBFC-87) it was decided to change the CoA from MOD to SUP. The draft ECP was amended accordingly.

The draft CEPT Brief and draft ECP on AI 4 contained in ANNEX IV-18 and ANNEX V-18 respectively, were agreed by the meeting and will be sent as contributions to the CPG19-9 meeting.

## Agenda item 8

to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution 26 (Rev.WRC-07);

Input document (19)104 and INFO 10 were introduced .

The Drafting Group on this issue, chaired by Mr Rahid Alekberli (AZE), the CEPT coordinator for AI 8, considered the above mentioned documents. Two proposals for modification to Draft CEPT Brief on WRC-19 Agenda Item 8 about intention to delete the name of country in the footnotes were received and addressed in an update of the draft CEPT Brief.

A possible revision of the modification of Resolution 26 (Rev. WRC-07) was discussed and it was agreed that the existing practice has worked adequately and that a NOC is the most appropriate way forward.

The preliminary CEPT position and the draft CEPT Brief were amended accordingly.

It was reminded that the proposals of the CEPT Administrations under WRC-19 AI 8 have to be listed in the Annex 4 of the draft CEPT Brief as early as possible; therefore all CEPT Administrations are encouraged to provide their relevant information (e.g. deletion/addition/NOC) before the last CPG meeting in August 2019.

Some minor editorial changes were made to the draft ECP.

The draft CEPT Brief and draft ECP on AI 8 contained in ANNEX IV-20 and ANNEX V-20 respectively, were agreed by the meeting and will be sent as contributions to the CPG19-9 meeting.

## Agenda item 10

to recommend to the Council items for inclusion in the agenda for the next WRC, and to give its views on the preliminary agenda for the subsequent conference and on possible agenda items for future conferences, in accordance with Article 7 of the Convention;

Input documents (19)066, (19)067,, (19)068REV1 (19)069, (19)070, (19)071, (19)072 (19)073, (19)074, (19)075, (19)076, (19)077, (19)078, (19)079REV1, (19)080, (19)081REV1, (19)082 (19)083 (19)084, (19)085, (19)086REV1, (19)087, (19)088, (19)089, (19)090REV1, (19)103, INFO 05, INFO 07, INFO 09 and INFO 12 were introduced.

The Drafting Group on this issue, chaired by Mr Pasi Toivonen (FIN), the CEPT coordinator for AI 10, considered the above mentioned documents.

The work concentrated on developing the draft ECP based on the proposals received for this meeting and on document PTA(19)063 ANNEX VI 02 from the previous meeting. The meeting developed successfully a draft ECP package that will be considered for adoption at the CPG19-9. The draft CEPT Brief was developed further accordingly. It was pointed out by the meeting that the proposed AI 1.17 (to determine, reassess and carry out appropriate regulatory actions for determining additional allocations to the mobile-satellite service between 1.5 GHz and 6 GHz), should reduce the range to exact band proposals.

Information on the origin of the new proposals as included in the draft ECP can be found ANNEX VI-03

The meeting was not able to include some of the proposals for new agenda items. Details of these proposals and reasoning why they were not included in the draft ECP can be found in ANNEX VI-02. The meeting has worked on the basis of not including proposals into draft ECP on AI10 when there is opposition from 6 or more administrations at the current PTA meeting in order to meet the objective to deliver one single draft ECP containing proposals for possible approval at the upcoming CPG meeting. The proposals which were not included in the draft ECP on AI 10 may be submitted by the interested administrations to the next CPG meeting.

In addition to the proposals for agenda items for WRC-23 the draft ECP includes proposals:

* to suppress the Resolution 161 (WRC-15) based on the decision at this meeting not to support the preliminary agenda item 2.4 as included in Resolution 810 (WRC-15)
* to modify Resolution 657 (WRC-15) for preliminary agenda 2.3 item based on document PTA(19)79REV1
* to modify Resolution 804 (WRC-15) based on an earlier decision by PTA

For the final meeting of CPG, the Administrations are further requested to consider possibilities to merge some of new agenda items included in the draft ECP as well as to consider providing some more details on the scope of the agenda items.

The representative of the European Commission (EC) stated that, RNSS systems are global by nature, and that the radio amateur service is allocated in all regions. Once RNSS receivers (including Galileo E6 receivers) are deployed ubiquitously, the number of interference cases coming from radio amateur emissions will increase significantly and represent an important burden to Administrations, unless clear guidelines are available in order to drive the amateur community towards an appropriate usage of their allocation.

For these reasons, the EC believes that the French proposal of a WRC-23 agenda item is essential in order to complement the work being started within CEPT, and to find a sustainable solution for all parties. Also, the EC considers that WRC-23 is the right time for a decision enabling the better regulation of the RNSS-amateur coexistence at international level, as Galileo will start providing freely available high accuracy services in the 1260-1300 MHz band on a global basis from 2020.

The EC noted that some of the 7 Administrations which objected to the French contribution are open to consider a revised version of the proposal, and therefore believes that relevant support may be achievable at CPG level, following further discussions until end August.

The representative of the IARU stated that, the IARU views with grave concern the element of the WRC-23 agenda item proposal 1.6 in the AI10 ECP, on studies towards a possible new allocation to the aeronautical mobile service in the band 144-146 MHz. This band is an important and the only globally harmonised primary allocation to the amateur and amateur satellite services in the VHF range. Examination of the RR below and above the 144-146 MHz range suggests that alternative proposals could be developed that could provide further spectrum for the aeronautical applications without impacting on this amateur service spectrum. The proposal provides no justification for addressing this band and the IARU believes that sharing with airborne systems is likely to be difficult and will lead to constraints on the development of the amateur and amateur satellite services in this band.

The representative of ETNO stated that this PTA meeting has received proposals from Administrations to consider the ranges 3800-4200 MHz and 6425-7125 MHz for a new IMT agenda item for WRC-23. ETNO noted the concerns expressed by some Administrations in relation to these proposals but also some support from other Administrations. ETNO supports appropriate consideration of these bands by CEPT.

ETNO is of the view that additional spectrum in the range 3 to 24 GHz will be required to provide, in the time frame 2025-2030, enough capacity with high bandwidth and still good coverage properties to secure successful 5G expansion and to cope with the long-term demand of high quality 5G services from citizens in Europe.

The draft CEPT Brief and draft ECP on AI 10- contained in ANNEX IV-24 and ANNEX V-24 respectively, were agreed by the meeting. The draft ECP will be further edited and will be sent to the CPG19-9 for its consideration and final approval.

Statement of the Russian Federation on the proposed AI 1.6 and 1.7 for WRC-23

Frequency bands below 1 GHz are actively used by different radio services. Changing the existing allocations “Mobile, except aeronautical mobile” to “Mobile” or introducing new allocations for the Aeronautical mobile service (AMS) will have a large negative impact on the existing services, such as ARNS and Broadcasting service. The compatibility of ARNS and AMS is extremely difficult and will require the use of significant protection distances. As for 694-960 MHz band, aeronautical applications have never before been considered within IMT, thus the use of frequency bands identified for IMT for aeronautical applications will require a revision of all previously adopted conditions for the use of Mobile service, including IMT, in this band.

Moreover, it is obvious that the introduction of aeronautical applications in the proposed frequency bands requires a significant limitation of the technical parameters, operational scenarios and conditions for such new systems (i.e. flight height, radiated power etc.).

However, the current proposals for WRC-23 agenda items do not pay due consideration on necessary for such restrictions.

Furthermore statement of the Russian Federation on SRS issue

The Russian Federation supports new agenda item for WRC-23 on upgrade of SRS allocation in 14.8-15.35 GHz band and proposes CEPT to include it in the ECP on AI 10 of WRC-19. However, this proposal was not included in the draft ECP on AI 10, mainly due to the usage of military applications in several CEPT countries in this band. The Russian Federation is of the view that proposed SRS location upgrade will support future developments of space science projects in CEPT and globally and SRS systems coexistence with other services could be achieved under certain technical conditions (contained in existing ITU-R Recommendations) and associated regulatory provisions.

Statement from Finland:

The frequency range 15.4-15.7 GHz has allocations to the RLS on a primary basis in all three Regions and to the aeronautical radionavigation service on a primary basis in all three Regions. Provision 4.10 of the RR applies to ARNS service.

The frequency band 15.4-15.7 GHz was a candidate for 250 MHz FSS allocation in the previous study period. Based on the sharing and compatibility studies within the ITU-R it became very clear that sharing would not be feasible with existing primary allocations. Finland is of the opinion that the proposed AMS allocation to the frequency band 15.4-15.7 GHz would - due to mobile nature of AMS - lead to even more difficult sharing scenarios. Based on this Finland's view is that the frequency band 15.4-15.7 GHz should not be studied for AMS but should be reserved for the current and future usage of the existing primary services.

Statement by Sweden and Slovenia:

Sweden and Slovenia are of the view that the process of selecting proposals, to be included in the draft ECP under AI 10, neither followed procedures previously agreed on, nor followed the procedures stipulated in ECC Working Methods and Rules of Procedures.

Contrary to what had been communicated previously, e.g. that as long as a proposal was supported by at least one Administration it would be considered for the ECP, a voting process was arranged by which proposals receiving opposition by more than six Administrations were disregarded.

Sweden and Slovenia would like to point out that CPG19-5 agreed that PTA was tasked to develop a single comprehensive draft ECP containing all proposals with the assumption that it may be adopted as one single ECP. If consent on a particular proposal could not be reached a separate decision by CPG would be taken.

In addition we would like to point out that Article 14.1 of the ECC Rules of Procedures states that “Project Teams and Task Groups shall not vote”

Finally, it should be noted that point 2 under section 2.1 of the ECC Working Methods states that if consensus cannot be reached, there is the option of “holding an indicative vote with the purpose to identify the balance of opinion so that Members are encouraged not to press differences of view, which are unlikely to attract sufficient support;”

From this it is clear that the indicative vote only serves the purpose of encouraging Members to compromise to reach consensus.

# Schedule of meetings

The following meetings of the CPG are scheduled:

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| Meeting: | Date: | Country: |
| CPG19-9 | 26th - 30th August 2019 | Ankara, Turkey |

A complete overview of preliminary schedules of CPG and relevant meeting is to be found on the CPG website, (<https://cept.org/Documents/cpg/50140/cpg-19-adm37_cpg-preliminary-schedules-cpg-till-wrc-19>).

# AOB

The Chairman pointed out that remaining draft CEPT briefs and draft ECPs will be submitted to the next CPG meeting for adoption.

# Approval of the minutes of PTA-7

The minutes of the seventh PTA meeting were approved.

# Closure of the meeting

The Chairman highlighted that this was the last meeting of PTA during this cycle. He thanked the meeting for all its work that this project team has done in the preparation towards WRC-19. All goals were met in finalizing agenda items for which this project team was given responsibility.

The Chairman thanked the Czech Telecommunication Office for organising, hosting and for providing excellent facilities to the meeting. He thanked all the participants and observers for their work, and expressed a special thanks to the (acting) coordinators as well as the staff of the Czech Administration.

The Chairman then wished all a safe journey back home and closed the meeting.