**Report of the Agenda Item1.5 Coordinator during WRC-19**

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1. Agenda Item

**Agenda Item 1.5:** *to consider the use of the frequency bands 17.7-19.7 GHz (space-to-Earth) and 27.5-29.5 GHz (Earth-to-space) by earth stations in motion communicating with geostationary space stations in the fixed-satellite service and take appropriate action, in accordance with Resolution* ***158 (WRC-15)***

Resolution **158 (WRC-15)**: *Use of the frequency bands 17.7-19.7 GHz (space-to-Earth) and 27.5-29.5 GHz (Earth-to-space) by earth stations in motion communicating with geostationary space stations in the fixed-satellite service*

1. APT Common Proposals and APT Views for WRC-19 (which has been submitted to WRC-19)



APT Members support the ACP as shown here based on the input contributions and discussions during APG19-5.

1. Topics proposed by other regional Groups or ITU Members which are not included in no. 2 above

Contributions to WRC19 is as follows,

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| Doc No. | Author | Contents |
| 11A5 | CITEL | Common Proposal based on CPM Report |
| 12A5 | RCC | Common Proposal based on CPM Report |
| 16A5 | CEPT | Common Proposal based on CPM Report |
| 24A5 | APT | Common Proposal based on CPM Report |
| 28A5 | CHN | Proposal based on CPM Report |
| 29A5 | ASMG | Common Proposal based on CPM Report |
| 17 | IMO | Description to support the establishment of appropriate conditions for ESIM |
| 46A5 | ATU | Common Proposal based on CPM Report |
| 47A5 | AUS | Proposal based on ACP |
| 61A5 | KOR | Complement to 65 |
| 65 | J, KOR, SNG | Proposal based on CPM Report |
| 75 | SMO | Analysis against 61A5 |
| 89A5 | SADC | Common Proposal based on CPM Report |
| 92A5 | IND | Proposal based on CPM Report |
| 95 | SMO, VUT | Proposal based on CPM Report |

1. Progress of discussion during WRC-19 on the Agenda Item

* SWG5A2 met 11 times except two informal meetings.
* To go forward, the chairman prepared regulatory text (draft new resolution). And started discussion on the document in the 7th meeting.
* In the 8th meeting(4 Nov.) the discussion on 1.2 series (ESIM conditions to protect terrestrial services) began.
* We discussed 1.2(preamble), 1.2.1(receiving ESIM), 1.2.2(transmitting A-ESIM and M-ESIM), 1.2.3(Sufficiency of Annex2), 1.2.4(transmitting L-ESIM), 1.2.5(BR examination of A-ESIM), and 1.2.6(commitment sent to BR) the 8th to the 10th meeting, however, no agreement was reached.
* Informal small group meeting which the chairman had proposed met twice. It did not work since no compromise happened.
* Some offline discussions are being held to understand views of most difficult resolves and Annex.
* We restarted reviewing the text of the draft new resolution in the 11th meeting.

1. Issues which require discussion at APT Coordination Meetings and seek guidance thereafter

With regard to ESIM applications, ACP had subsection of resolves 3 (resolves 3.1) below, however, many strong objections from administrations and regional organizations were made in SWG5A2.

I would like to seek consensus in this meeting to drop the subsection from new resolutions, if it doesn’t cause any problems.

resolves 3 ESIM shall not be used or relied upon for safety-of-life applications;

resolves 3.1 the operation of ESIM shall be strictly limited to provide civil application only thus

any such operation for non-civil application purposes is prohibited;

*Note: Coordinators are encouraged to conduct informal consultation with interested APT Members on the issues/topics under no. 3 and inform the outcomes of consultation to the Coordination Meeting*. *Coordinators can also organize coordination meetings on the respective agenda items whenever necessary.*