**Report of the Agenda Item Coordinator during CPM19-2**

Coordinator: Satoshi Kobayashi / email; s-koba@suite.plala.or.jp

Report Date: 20 February 2019

1. Agenda Item

**Agenda Item 9.1, Issue 9.1.6:**

*9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:*

*9.1 on the activities of the Radiocommunication Sector since WRC-15;*

*9.1.6 Issue 1) in the annex to Resolution 958 (WRC-15)*

*Urgent studies required in preparation for the 2019 World Radiocommunication Conference:*

*1) Studies concerning Wireless Power Transmission (WPT) for electric vehicles:*

 *a) to assess the impact of WPT for electric vehicles on radiocommunication services;*

 *b) to study suitable harmonized frequency ranges which would minimize the impact on radiocommunication services from WPT for electrical vehicles.*

*These studies should take into account that the International Electrotechnical Commission (IEC), the International Organization for Standardization (ISO) and the Society of Automotive Engineers (SAE) are in the process of approving standards intended for global and regional harmonization of WPT technologies for electric vehicles.*

1. APT Preliminary Views and/or APT Views for the modification of draft CPM Report (which was submitted to CPM19-2) on the Agenda Item

**APT Preliminary Views:**

* APT Members support the studies carried out by ITU-R in accordance with Resolution **958 (WRC‑15)** to assess the impacts of WPT-EV on radiocommunication services and to study suitable harmonized frequency ranges which would minimize the impact on radiocommunication services from WPT-EV.
* APT Members are of the view that all radiocommunication services must be adequately protected from harmful interference that may be generated by WPT-EV, both at the fundamental frequency and from spurious and out-of-band emissions.
* APT Members support consideration of the inclusion of one or more frequency ranges for WPT-EV in an ITU-R Recommendation based on completion of ITU-R studies.
* APT Members supports further ITU-R studies related to WPT-EV to develop methodology and guidance to administrations in the following aspects:
	+ - one or more appropriate frequency ranges for WPT-EV are specified in a revision of Recommendation ITU-R SM.2110-0;
		- limits on unwanted radiation, including harmonics, are expected to be specified in a new ITU-R Recommendation; and
		- results of related studies and examples of existing national implementations throughout the Regions are provided in Report ITU-R SM.2303-2 and WDPDN Report ITU-R SM.[WPT\_EV\_IMPACT] and are expected to be provided in one or more ITU-R Reports on regulatory matters of WPT.
* Consequently, APT Members are of the view that there is no need for activity related to WRC-19 to amend the RR.
* APT Members support that ITU-R studies for WPT-EV should be continued after WRC-19, and APT Members are encouraged to consider necessary proposals depending on upcoming progress of ITU-R studies
* APT Members are of the view that ITU-R will need to continue to closely collaborate with SDOs to ensure that appropriate frequency ranges and technical limits are incorporated into standards to protect radiocommunication services.

**APT Views for the modification of draft CPM Report**

APT proposed the following changes in three Sub-Sections of Section 6/9.1.6 to reflect the updates in the impact studies agreed in WB 1B at its November 2018 meeting, which was held after submission of Draft CPM text;

6/9.1.6/3 Summary and analysis of the results of ITU-R studies

 Report ITU-R SM.[WPT\_EV\_IMPACT]

6/9.1.6/3.3.4.1 Loran-C systems in 79-90 kHz

79-90 kHz (3 places)

6/9.1.6/4 Conclusions

WDPDN Report ITU-R SM.[WPT\_EV\_IMPACT] and are expected to be provided in one or more ITU-R Reports on regulatory matters of WPT

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

None.

1. Progress of discussion during CPM19-2 on the Agenda Item

The APT proposal, with an editorial change proposed by UK, was agreed in SWG 6b at its meeting held on Tuesday 19 February. The editorial change was to delete ‘regulatory matters of WPT’ in Sub-Section 6/9.1.6/4 and replace it by ‘WPT-EV’

1. Issues which require discussion at APG Coordination meeting and seek guidance thereafter

None

*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*.