



Workshop Convener¹

SUMMARY OF ITU-R WORKING PARTY 5D WORKSHOP ON “IMT-2020 TERRESTRIAL RADIO INTERFACES”

The ITU-R Working Party 5D (WP 5D) held a full-day Workshop on “IMT-2020 Terrestrial Radio Interfaces” on 4 October 2017, with around 200 participants.

The objectives of the workshop were as follows: to promote information sharing on IMT-2020; to facilitate dialog among ITU-R WP 5D, the possible proponents and the evaluation groups; and in particular, to provide information on the ITU-R WP 5D process for IMT-2020 standardization including minimum technical performance requirements and evaluation guidelines; to invite possible proponents of IMT-2020 RIT/SRIT to present current and future development aspects about IMT-2020 RITs/SRITs; and to invite registered independent evaluation groups to present information about their evaluation group and planned actions.

The Chairman of WP 5D opened the workshop with remarks on developments from IMT-2000 to IMT-2020, and the German Administration hosting the 28th meeting of WP 5D had a short welcome speech.

The WP 5D experts on the standardisation of IMT-2020 in WP 5D gave an overview of the IMT-2020 development process and provided a synopsis of the key deliverables underpinning the IMT-2020/5G work both in ITU-R and in the external organizations in a session prior to the lunch break with four presentations and a Q&A after each presentation.

After lunch, three hours was devoted to the potential IMT-2020 technology proponents and the registered independent evaluation groups. There were four potential technology proponent presentations (3GPP 5G, ETSI DECT Forum/ETSI DECT, IMT-2020 Korea, IMT-2020 China) followed by a Q&A session.

After a short break nine registered independent evaluation group made presentations of their plans and organization with a short Q&A session. It was highlighted that coordination between evaluation groups, and proponents towards the evaluations groups, are important going forward and could be assisted by WP 5D and also contribute to the process with its expertise through the consensus building and evaluation process.

¹ Dr. Hakan Ohlsen, Vice-Chairman, Working Party 5D.

Attention: The information contained in this document is temporary in nature and does not necessarily represent material that has been agreed by the group concerned. Since the material may be subject to revision during the meeting, caution should be exercised in using the document for the development of any further contribution on the subject.

The objectives of the workshop was well met from a WP 5D perspective, and all the presentations made during the Workshop can be found on the ITU-R WP 5D website ([here](#)).

Final Program of the Workshop on “IMT-2020 Terrestrial Radio Interfaces”

09:00	Registration
09:30	Opening remarks by the Chairman of WP 5D <i>Presenter; Mr Stephen Blust</i>
09:40	Welcome remarks by the Host of the 28th WP 5D meeting <i>Presenter; Mr. Walter Guggi</i>
Session 1	Information on IMT-2020 Standardization in ITU-R WP 5D
	Overview of the IMT-2020 development process
09:45	Minimum requirements related to technical performance for IMT-2020 radio interface(s) “Report ITU-R M.[IMT-2020.TECH PERF REQ]”; <i>Presenter; Ms Eiman Mohyeldin (NOKIA)</i>
10:15	Guidelines for evaluation of radio interface technologies for IMT-2020 “Report ITU-R M.[IMT-2020.EVAL]”; <i>Presenter; Dr Ying Peng (DATANG)</i>
10:55	BREAK
11:10	Requirements, evaluation criteria and submission templates for the development of IMT-2020 “Report ITU-R M.[IMT-2020.SUBMISSION]”; <i>Presenter; Dr. Yong Wu (HUAWEI)</i>
11:50	Submission and Standardization process (including IPR treatment, consensus building and GCS); <i>Presenter: Mr Yoshio Honda (ERICSSON)</i>
12:20	<i>Q & A for Session 1 will be 5-10 min after each presentation. Wrap-up.</i>
12:30	LUNCH
Session 2	Presentations by potential IMT-2020 RIT/SRIT proponents
	Presentations by potential IMT-2020 RIT/SRIT proponents (e.g. intentions, plans onwards, organizations, status of technical development, technical solutions to fulfil ITU requirements, etc.)
14:00	3GPP 5G <i>Presenter: Mr. Giovanni Romano (Telecom Italia, 3GPP)</i>
14:20	ETSI DECT <i>Presenter: Mr Daniel Hartnett, Mr Gunther Kleindl (DECT Forum)</i>
14:40	Korea IMT-2020 <i>Presenter: Mr. Juseop Sim (Korea)</i>
15:00	China IMT-2020 <i>Presenter: Mr. Yi Wan (China)</i>
15:20	<i>Q & A for Sessions 2</i>
15:30	BREAK

Session 3	Presentations by registered independent evaluation groups
	Presentations by the registered independent evaluation groups (e.g. structure, organization, future plans, etc.)
15:50	5G Infrastructure Association (5GPPP-EU) <i>Presenter: Mr. Werner Mohr (Nokia Solutions and Networks)</i>
16:00	ATIS WTC IMT-2020 Evaluation Group (WTSC-USA) <i>Presenter: Mr. Francesco Pica (Qualcomm)</i>
16:10	China Evaluation Group (ChEG-China) <i>Presenter: Dr. Xu Xiaoyan (CAICT)</i>
16:20	Canadian Evaluation Group (CEG-Canada) <i>Presenter: Mr. Venkatesh Sampath (Ericsson)</i>
16:30	Wireless World Research Forum (WWRF) <i>Presenter: Dr. Nigel Jefferies (WWRF)</i>
16:40	Telecom Centres of Excellence (TCOE-India) <i>Presenter: Mr. Anurag Vibuthi, Dr. Radha Krishna (TCOE)</i>
16:50	5GMF IMT-2020 Evaluation Group (5GMF-Japan) <i>Presenter: Mr. Takaharu Nakamura (Fujitsu)</i>
17:00	TTA 5G Technology Evaluation Special Project Group (TTA SPG33-Korea) <i>Presenter: Mr. Seong-Jun Oh (Korea University)</i>
17:10	Trans-Pacific Evaluation Group (TPCG/ITRI-USA) <i>Presenter: Mr. Tzu-Ming Lin (ITRI)</i>
17:20	<i>Q & A for Session 3</i>
17:30	Wrap up and Closing
