3GPP TSG RAN **RWS-180001**
Brussels, Belgium, Oct. 24 - 25, 2018

Agenda Item: 1

Source: Chairman

Title: Agenda of the Workshop on 3GPP submission towards IMT-2020

Document for: Approval

Chairman's foreword

Welcome to the Workshop on 5G NR IMT2020 evaluation intended to present the details of the 5G NR radio interface as per the 3GPP Release 15 completed standards and the Release 16 planned features.
3GPP has been working extremely hard to bring 5G NR standards to the industry in an accelerated manner. Non-standalone 5G NR was completed in December 2017, and the corresponding ASN.1 has been stabilized in June/2018.
Standalone 5G NR was completed in June/2018, and the corresponding ASN.1 scheduled to be frozen in September/2018.
Some of the architecture options to facilitate migration from LTE to 5G NR will be completed in December/2018 still within Release 15.
3GPP has also approved the work program for Release 16 containing a host of new and enhanced functionalities for 5G NR. The target completion for Release 16 is December/2019. 3GPP submission to IMT2020 will contain both Release 15 and Release 16 functionality.

Balazs Bertenyi, Chairman of 3GPP RAN.

1 Opening of the meeting (Wednesday 1pm) 55min

1.1 Welcome from chairman of the workshop
(Balazs Bertenyi, 3GPP TSG RAN chairman) 10min

1.2 Welcome from ITU-R WP5D
(Håkan Ohlsén, ITU-R WP5D vice chairman) 10min

1.3 Welcome from the host (Pearse O'Donohue, European Commission) 20min

1.4 Explanation of 3GPP submission
(Giovanni Romano, 3GPP TSG RAN ITU-R Ad hoc Convener) 15min

2 Specific technical features of the 3GPP proposal for 5G 265min

2.1 Overview

2.1.1 RAN aspects (Balazs Bertenyi, 3GPP TSG RAN chairman) 20min+5QA

2.1.2 System and Core network aspects (Erik, Guttman, 3GPP TSG SA chairman) 20min+5QA

Wed afternoon coffee break (14:45-15:15)

2.2 NR physical layer design

2.2.1 Physical layer structure, numerology and frame structure, NR spectrum utilization mechanism (Havish Koorapaty, Ericsson) 40min+5QA

2.2.2 NR MIMO (Younsun Kim, Samsung) 25min+5QA

2.3 NR architecture (Gino Masini, 3GPP TSG RAN WG3 chairman) 25min +5QA

end of Wed (~17:00),

DAY 2 : 9am

beginning of Thu: 9:00

2.4 NR protocol (Sudeep Palat, Intel) 25min+5QA

2.5 NR radio frequency and co-existence
(Xutao Zhou, 3GPP TSG RAN WG4 chairman) 25min+5QA

2.6 NB-IoT, eMTC, and LTE evolution

2.6.1 NB-IoT, eMTC (Matthew Webb, Huawei) 20min+5QA

Thu morning coffee break (10:30-11:00)

2.6.2 LTE evolution (Asbjörn Grövlen, Ericsson) 20min+5QA

3 IMT-2020 submission templates 45min

3.1 Overview of 3GPP submission and compliance to IMT-2020 requirements
(Wu Yong, Huawei) 10min+5QA

3.2 Description characteristics template (Kazuaki Takeda, NTT DOCOMO) 10min+5QA

3.3 Link budget template (Asbjörn Grövlen, Ericsson) 10min+5QA

4 Self-Evaluation results
(including simulation assumptions and calibration) 120min

4.1 Calibration method and results (Francesco Pica, Qualcomm) 15min+5QA

Thu lunch break (12:30-14:00)

4.2 eMBB evaluation results (Wu Yong, Huawei) 30min

4.3 URLLC and mMTC evaluation results (Karri Ranta-Aho, Nokia) 30min

4.4 General Q&A 40min

Thu afternoon coffee break (15:40-16:10)

5 Anticipations on the final IMT-2020 submission:
Rel-16 outlook 50min

5.1 RAN aspects (Balazs Bertenyi, 3GPP TSG RAN chairman) 20min+5QA

5.2 System and Core network aspects (Erik, Guttman, 3GPP TSG SA chairman) 20min+5QA