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| Minutes of the IEEE 802 5G SC April 13th Conference Call |
| **Date: April, 15th 2016** |
| **Author(s):** |
| **Name** | **Affiliation** | **Phone** | **email** |
| Max Riegel | Nokia | +49 173 293 8240 | maximilian.riegel@nokia.com |

## Abstract:

Minutes of the IEEE 802 5G SC conference call on April 13th, 2016

# Conference call on Wednesday, April 13th, 2016 10:00-11:00AM ET

Chair: Glenn Parsons

Recording secretary: Max Riegel

## Call to order

* Chair called meeting to order at 10:00AM ET
* Guiding slides with agenda proposal by EC doc#61r3
* <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0061-03-5GSG-5g-sc-conference-call-agenda.pdf>

## IEEE SC Guidelines

* Chair showed mandatory slide for IEEE standing committee meetings and explained duties of participants

## Participants

| **Name** | **Affiliation** | **Name** | **Affiliation** |
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| Glenn Parsons | Ericsson | Jim Lansford | Qualcomm |
| Max Riegel | Nokia | Joseph Levy | Interdigital |
| Andrew Myles | Cisco | Jouni Korhonen | Broadcom |
| Catatay Capar | Ericsson | Marc Emmelmann | self |
| Carl Kain | Noblis | Roger Marks | EthAirNet Assoc. |
| Don Sturek | Silver Spring Netw. | Sam Sambasivan | AT&T |
| Edward Au | Huawei | Subir Das | ACS |
| Fujio Watanabe | DOCOMO | Timothy Jeffries | Huawei |
| Guenter Kleindl | Atos | Yonggang Fang | ZTE TX |
| Hakan Persson | Ericsson |  |  |
| Hassan Yaghoobi | Intel |  |  |
| James Lepp | Blackberry |  |  |
| JC Zuniga | Interdigital |  |  |
| Jon Rosdahl | Qualcomm |  |  |

## Agenda

* Chair brought up agenda proposal contained in guiding slides
* Agenda as presented and approved:
* Review of future meeting schedule
* Plan for report (doc#65)
* Contributions
* 5G propositions (doc#64)

## Documents

* Report layout

## Review of future meeting schedule

* Glenn confirmed that all meetings are announced on the 5G SC reflector
* Unfortunately there is currently no archive, as the requested archive was not set up yet.
* Conference calls using always same dial-in details
* Next call on April 27th, 6pm ET
* Next F2F meeting was scheduled for the Waikoloa interim
* May 20th, Friday afternoon as the earliest Glenn would be able to arrive from Beijing
* Currently it looks like that this schedule is not feasible as Verilan has to shut down Wi-Fi and projector. Jon is looking for alternatives but nothing confirmed yet
* Options:
1. Wait for confirmation that at least a projector would be available
2. Or, schedule at another time of the week with acting chair locally
3. Or, schedule at another time with remote chairing from Beijing, e.g. Monday evening to avoid overlap with meeting in Beijing
4. Or, schedule just another conference call, potentially longer than 1h
* Comments brought up during the call:
* Joe offered to help having a meeting during the week and he would be willing to step in as acting chair, if needed.
* Andrew supporting option 4
* Subir, Hassan and another person expressing their preference for opting for 2 or 3, not being in favor of Friday afternoon to have more time between the Waikoloa meeting and the meeting the following week.
* Roger and George expressed to held the call on Friday to allow WGs to develop their views and positions earlier the week and entertain more comprehensive discussions
* Glenn concluded that there was a preference to meet during the week. He would strive for an arrangement with remote participation of the chair – either on Friday or Monday.
* The following F2F meeting is on May 25th, 9-12AM CET in Budapest
* Join.me will be open for remote attendance, but remotely speaking up may not work.

## Plan for report

* <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0065-00-5GSG-5g-sc-report-layout.pdf>
* Glenn presented his thoughts regarding structure of the report, starting from philosophy, showing a proposed Table of Contents and concluding with the remark that some conclusion to limit the number of options beforehand to keep the efforts manageable.
* Comments:
* Yonggang asked about addressing the IMT2020 external proposal; would an agreement with an external organization necessary before starting the activities
* Glenn responded that 5G SC has to create a report to EC not to initiate and perform the actual work. The SC will describe the necessary costs and benefits, when such approach would be taken.
* Andrew brought up that LWA and LWIP would also be a potential base for creating a direct IEEE 802 application for IMT 2020, which would require that the IEEE is doing the application by itself and not waiting for 3GPP to include IEEE 802 in its application.
* Joe clarified that his slides in Macau listing all the various options of 802.11 were not intended to structure the report focusing only on IEEE 802.11 but should provide comprehensive background information.
* Roger appreciated Glenn’s presentation and in particular the statements pointing to the contribution driven process for proceeding on particular options
* Roger asked for further clarifications on section 2 on single technology. He would believe that single technology would also comprise the case of several single technologies
* Andrew wondered whether there would be anything aside of 802.11 technologies being suited for IMT 2020 application
* Glenn confirmed that option 2 indeed may cover several single technologies, while option 3 would consider the case that multiple technologies are treated as a group

## 5G Propositions

* <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0064-00-5GSG-ieee-802-5g-propositions.pdf>
* Roger presented his set of five 5G propositions and recommended that the SC should work towards consensus based on these propositions. In particular further consensus is necessary for proceeding with option 1 (creating an IEEE 5G specification framework).
* Glenn asked Roger whether the propositions should be taken as set or there may be treated as choice of options, and Roger responded that all propositions should be taken into account.
* Andrew questioned whether it would be really beneficial for IEEE to define what 5G means, when the ITU-R effort is mainly about allocation of spectrum
* Roger responded that spectrum is primarily assigned by governmental organization and IEEE may contribute to spectrum usage discussions. WP5D is creating technology considerations for particular spectrum usage, with WRC finally making the recommendations for spectrum allocations
* Roger announced that he is working on a contribution for next week with more information about spectrum assignment process.
* Andrew brought up the demand for further information how IEEE 802 would be able to protect and extend the availability of spectrum for its technologies.

## Adjourn

* Glenn thanked for the contribution and discussions and encouraged further submissions.

Meeting was adjourned by chair at 11am ET