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| Minutes of the IEEE 802 5G SC April 27th Conference Call | | | |
| **Date: April, 29th 2016** | | | |
| **Author(s):** | | | |
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## Abstract:

Minutes of the IEEE 802 5G SC conference call on April 27th, 2016

# Conference call on Wednesday, April 27th, 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#61r5
* <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0061-05-5GSG-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** |
| --- | --- | --- | --- |
| Glenn Parsons | Ericsson | Kenichi Mori | STE |
| Max Riegel | Nokia | Osama AboulMagd | Huawei |
| Carl Kain | Noblis | Paul Nikolich | self |
| George Calcev | Huawei | Roger Marks | EthAirNet Assoc. |
| Hakan Persson | Ericsson | Sam Sambasivan | AT&T |
| Hassan Yaghoobi | Intel | Subir Das | ACS |
| Janos Farkas | Ericsson | Timothy Jeffries | Huawei |
| Jim Lansford | Qualcomm | Yasuhiko Inoue | NTT |
| Joseph Levy | Interdigital | Yonggang Fang | ZTE TX |
| Junghoon Suh | Huawei |  |  |

## Agenda

* Chair brought up agenda proposal contained in guiding slides
* Future meeting schedule
* Plan for report
* <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0065-02-5GSG-5g-sc-report-layout.pdf>
* No contributions received for discussion
* Paul request brief verbal updates on recent meetings on 5G topic
* SA outreach
* GSC
* IEEE 5G steering committee
* No further agenda requests were made and it was agreed to have the verbal reports towards the end of the meeting.

## Reflector

* An archive for the 5G SC mailing list is available now
* The archive of the mailing list can be accessed by the following link
* <https://listserv.ieee.org/cgi-bin/wa?A1=ind16&L=STDS-802-5G>
* Personal login required
* The agenda slides also contain the links to the mailing subscription process

## Review of future meeting schedule

* May 20th, 1-4pm HAST in Waikoloa, HI (wireless interim)
* Another F2F meeting on May 25th in Budapest, HU 9-12am CET (802.1 interim)
* Arrangements for June 24th (Ottawa) still open
* July F2F meeting might use one of the tutorial slots on Jul 25th
* Paul recommended to send tutorial request asap to avoid collision with other requests potentially coming up for the tutorial slot.

## Plan for report

* <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0065-02-5GSG-5g-sc-report-layout.pdf>
* Glenn showed update to the proposed report layout slides
* Proposed ToC on slide 5 has been modified as result of last week’s discussions
  + Introduction lists all 5G related projects in IEEE 802
  + IEEE 5G
    - Would not comprise expenses for IMT 2020 contributions
  + IMT 2020 would cover 4 options
    - 4. IMT 2020 external proposal would comprise both submission by IEEE 802 as well as submission by SDO outside of IEEE 802
* Glenn encouraged contributions on each of the options
* Q&A:
* Osama wondered why 802.11p is mentioned on slide 10, 11, 12 as low latency instead of vehicle to vehicle communication
* Glenn explained that such characterization has been adopted from the slides shown by Joe in the Macau meeting.
* Joe clarified that characterization has been adopted from 5G directions of focusing on enhancements of extreme broadband, MTC and low latency, high reliability.
* Roger proposed that changing term to ‘IoT’ might solve the ambiguity issue.
* Hassan informed that ITU-R recommendation M.2083 would provide the references for the categorization of radio technologies (extreme broadband, machine type communication, low latency and high reliable)
* George wondered whether categorization would also be applicable for 802.15 technologies
* Glenn offered to review ITU-R recommendation and to adopt categorization from ITU-R to the 5G SC report outline. Approach should be discussed on the mailing list and reviewed in the next meeting

## Verbal reports about recent 5G related meetings

* Japan IEEE SA outreach – Glenn reported
* IEEE SA organized 5G workshop in Japan last week in Tokyo
* About 150 participants represented a broad scope of Japanese companies
* Whole event was carried through in Japanese with translation of the English speakers
* One afternoon session
* Started with JP ministry showing their understanding
* 5G MF (ARIB 5G Marketing Forum) presented research activities in Japan
* Bruce Kraemer presented IEEE 5G initiative
* Glenn presented IEEE 802 5G SC
* Hiroshi Mano presented an example 5G technology and the potential use cases
* Q&A mostly addressed ministry positions
* Global Standards Collaboration (GSC-20) – Glenn reported
* A come-together of chairpersons of SDOs around the world, limited to 100 people participating
* Intended for information sharing, in particular current hot topics
* IoT
* Cybersecurity
* 5G
* Bruce Kraemer participated and ComSoc volunteer affiliated with China Mobile made presentation on 5G on behalf of IEEE
* No further information was available, as meeting was still ongoing.
* IEEE 5G steering committee – Paul reported
* IEEE BoD initiated steering committee to gain overview about 5G related activities throughout IEEE
* Goal: Unified view of what is going on in IEEE, led by the ComSoc society
* Led by Ashutosh Dutta and Gerd Fettweis ComSoc created organization proposal
* Proposing SIGs on particular topics like mmWave, edgeCloud, …
* Not completely clear what SIGs would generate
* Paul will try to get slides presented last Thursday for further review and discussions in 5G SC
* Uploaded after the meeting:

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0070-00-5GSG-ieee-5g-steering-committee-21apr2016-presentation.pptx>

* Comprehensive proposal with timeline was presented on how to establish organization with conclusion planned by a meeting on August 29th in New Jersey.
* Initiative expects input from IEEE participants; Paul states that IEEE 802 should have a strong voice in that steering committee.

## Adjourn

* The chair thanked for the contributions and discussions and encouraged further submissions.

Meeting was adjourned by chair at 11am ET