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| No.  | **3161-4-N0002** |
| Resource: | Plenary Meeting |
| Title: | The 4th 3161 Working Group (DRS WG) Meeting |
| Date/Place: | September 20, 2022, Virtual Conference |
| Host: | Wen Ji (Vice-Chair) |

**Meeting Minutes of the 4th 3161 Working Group Plenary Meeting**

*Meeting Minutes recorded by: Mr. Zhengyuan Zhu*

The 4th DRS (3161) Working Group plenary meeting is held via conference call.

**Approval of the Agenda**

**Motion** to approve the meeting agenda. (Mover: Ms. Xiaoxu Luan; Second: Ms. Xinbei Bai). The agenda is unanimously approved as presented without objection.

**IEEE Patent, Copyright, Individual Participant Behavior Policy**

Ms. Xiaoxu Luan presented the Patent, Copyright, and Attendee Behavior slides at the meeting. There were no questions or concerns. All working group members can ask for the IEEE official patent and copyright document from the secretary.

**Approval of the establishment of CRG for 3161 standard**

Motion to approve the establishment of CRG for 3161 standard (Mover: Ms. Xiaoxu Luan; Second: Ms. Xinbei Bai).

The CRG (Comment Resolution Group) for P3161 was established on this meeting. The scope of the CRG is to handle the comments received during the ballot of P3161.

The CRG is responsible to resolve the comments received at IEEE SA Ballot and report to the P3161 chair directly and the chair is authorized to respond to the balloters’ comments via a recirculation ballot(s).

The CRG members is listed below: Yaowei Wang, Wen Ji, Xinbei Bai, Yan Lan, Xiaoxu Luan, Changyu Liu, Jun Li, Peng Chen, Huiqing Yin, Haojie Zhao, Yao Wang, Peng Yang, Chunhao Zhao, Yunhong Zhou, Dongqing Zhang.

**Discussion of the received ballot comments**

The working group received 5 ballot comments. All attendees discussed these comments and reached following agreements:

Some modification shall be taken into consideration, and the draft shall be updated as soon as possible.

The next meeting is tentatively scheduled at 10:30 (Beijing Time Zone) In December 2022 at Beijing, China. The Meeting notice will be posted on our official website one month in advance. Remote attendees can request to set up teleconference service at least one week ahead of the meeting.

This meeting minutes was approved by all attendees. The meeting closed at 12:30 September 20th, 2022.

Attachments:

1. Agenda
2. Attendance List
3. Ballot comments

Annex 1

**The 4th IEEE C/DC 3161 Working Group Plenary Meeting Agenda**

|  |  |
| --- | --- |
| **Date:** September 20, 2022, from 10:00 Beijing Time**Venue:** Virtual conference via Tencent Meeting |  |
| 1 | Agenda Approval | Wen Ji |
| 2 | IEEE-CS patent policy statement | Xiaoxu Luan |
| 3 | IEEE Copyright policy statement Individual Participant Behavior Policy | Xiaoxu Luan |
| 4 | Approval of the establishment of CRG | Wen Ji |
| 5 | Ballot comment discussion | Wen Ji |
| 6 | Approval of Meeting Minutes | Wen Ji |
| 7 | Next Meeting | Wen Ji |

Annex 2

Attendance List of the 4th 3161 WG Plenary Meeting

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Last Name | First Name | Affiliation | Roster |
| 1 | Wang | Yaowei | Peng Cheng Laboratory | Chair |
| 2 | Zhu | Wenwu | Tsinghua University | Vice-Chair |
| 3 | Ji | Wen | Institute of Computing Technology, Chinese Academy of Sciences | Vice-chair |
| 4 | Luan | Xiaoxu | Peng Cheng Laboratory | Voting Member |
| 5 | Bai | Xinbei | Peng Cheng Laboratory | Voting Member |
| 6 | Chen | Peng | Peng Cheng Laboratory | Voting Member |
| 7 | Chen | Yu | Peng Cheng Laboratory | Voting Member |
| 8 | Chen | Feng | Hangzhou Hikvision Digital Technology Co., Ltd.  | Voting Member |
| 9 | Chi | Hongyu | Peng Cheng Laboratory | Voting Member |
| 10 | Du | Jun | AIIT, Peking University | Voting Member |
| 11 | Feng | Dong | Qingdao Turing Technology Co., Ltd. | Voting Member |
| 12 | Gao | Xuesong | Hisense Group Holdings Co., Ltd | Voting Member |
| 13 | Han | Yahong | Tianjin University | Voting Member |
| 14 | Hou | Kui | Peng Cheng Laboratory | Voting Member |
| 15 | Hu | Dieli | Institute of Computing Technology, Chinese Academy of Sciences | Voting Member |
| 16 | Jiang | Dongmei | Peng Cheng Laboratory | Voting Member |
| 17 | Jun | Song | Beijing Vion Technology,inc | Voting Member |
| 18 | Lan | Yan | Peng Cheng Laboratory | Voting Member |
| 19 | Li | Jun | Cloudwalk Technology | Voting Member |
| 20 | Li | Mingxuan | Institute of Computing Technology,Chinese Academy of Sciences | Voting Member |
| 21 | Li | Thomas | Peking University | Voting Member |
| 22 | Li | Pan | Peng Cheng Laboratory | Voting Member |
| 23 | Liao | Danping | Advanced institute of information technology | Voting Member |
| 24 | Liu | Changyu | Hisense Group Holdings Co., Ltd | Voting Member |
| 25 | Liu | ShuJun | Beijing Boya RealScene Technologies Co., Ltd. | Voting Member |
| 26 | Liu | Haitao | Tencent | Voting Member |
| 27 | Liu | Jianran | Institute of Computing Technology, Chinese Academy of Sciences | Voting Member |
| 28 | Mei | Jingqing | Beijing Kuangshi Technology | Voting Member |
| 29 | Ren | Wenqi | Hikvision research insititute | Voting Member |
| 30 | Shao | Chen | Hisense Group Holdings Co., Ltd | Voting Member |
| 31 | Shen | Bo | Northwestern Polytechnical University | Voting Member |
| 32 | Tang | Chen | Shenzhen International Graduate School, Tsinghua University | Voting Member |
| 33 | Tang | Xiao | Megvii Technology Limited | Voting Member |
| 34 | Wang | Zhi | Shenzhen International Graduate School, Tsinghua University | Voting Member |
| 35 | Wang | Weizhi | Infinova | Voting Member |
| 36 | Wu | Zebin | Peng Cheng Laboratory | Voting Member |
| 37 | Yang | Zheming | Institute of Computing Technology, Chinese Academy of Sciences | Voting Member |
| 38 | Yang | Peng | Southeast University | Voting Member |
| 39 | Yin | Huiqing | National Engineering Research Center of Digital Television | Voting Member |
| 40 | Yuan | Jinyu | Peng Cheng Laboratory | Voting Member |
| 41 | Zhang | Dongqing | Advanced Institute of Information Technology, Peking University | Voting Member |
| 42 | Zhang | Shiliang | Peking University | Voting Member |
| 43 | Zhang | Peng | Advanced Institute of Information Technology, Peking University | Voting Member |
| 44 | Zhang | Xuqiang | Peng Cheng Laboratory | Voting Member |
| 45 | Zhao | Chunhao | Yitu Technology Co., Ltd | Voting Member |
| 46 | Zhao | Haojie | Shenzhen Intellifusion Technologies Co., Ltd. | Voting Member |
| 47 | Zhao | Meng | IEEE | Observer |
| 48 | Zheng | Wei-Shi | Sun Yat-sen University | Voting Member |
| 49 | Zheng  | Yuanyuan  | Hangzhou Hikvision Digital Technology Co., Ltd.  | Voting Member |
| 50 | Zhou | Yunhong | Peng Cheng Laboratory | Voting Member |
| 51 | Zhou | Chaoyong | Ping An Technology | Voting Member |
| 52 | Zuo | Lulu | Institute of Computer Technology，Chinese Academy of Sciences | Voting Member |

Annex 3

Received ballot comments

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Vote** | **Page** | **Subclause** | **Line** | **Comment** | **Must be Satisfied** | **Proposed Change** |
| Karocki, Piotr | Approve | 14 | 4.3.a.4 | 23 | "such method as BDS/GPS". Why Chinese and American are somewhat preferred? Why not Galileo or Glonass or IRNSS? | No | Maybe "GPS/IRNSS" would be better choice, as an example of regional (IRNSS) and of global (GPS) systems? |
| Murthy, Rajesh | Abstain | 22 | 6 | 27 | So what are the security and privacy requirements? | No | Please list them |
| Murthy, Rajesh | Abstain | 14 |  | 27 | The mandatory parts of the standard have references to other IEEE standards. It appears that the standard requires that the systems shall use a standard (may not be IEEE given the for example) to deliver on video formats, transmissions, etc. | No | Update normative references to identify which ones are truly needed to satisfy the requirements |
| ZHAO, Chunhao | Approve | 16 | 4.4 | 1 | Different system composition forms are actually related to different deployment scenarios. And in real collaboration cases in Digital Retina Systems there might be other scenarios in addition to the three kinds of scnarios listed in the draft (end-edge-cloud, end-edge, end-cloud), e.g. end-end in digital home scenario, edge-edge in smart transportation scenario, cloud-cloud in city brain scenario. | No | Suggest to replace 'System form‘ with 'System deployment scenario' and add other scenarios. |
| Randy | Reject |  |  |  | I apologize as I missed the closing date, but would vote No as privacy is essentially unaddressed, despite the opportunity to use IEEE and/or ISO/IEC standards as informative or normative references. IMO, this is very serious oversight.There are also a number of terms used that are not defined, “privacy” being one example. “Edge” or edge subsystem is appeared to be used broadly, such that it includes any compute system as “local area” is ambiguous.Clause 5.1, the term “it” should be removed (e.g., lines 7-15); same comment in 5.2 and 5.3.Clause 6, what is meant by, “take active steps ……” as compliance with this Clause may be unrealizable. |  |  |