**IEEE *P1936.1* Working Group**

**The 2nd Face-to-Face Meeting**

**Meeting Minutes**

***July, 31, 2019***

***13:00PM to 14:20PM BEIJING***

*Xiang Tan IGSNRR*, Working Group Chair

Recorded by *Shulin Yu, CAP*

1. Call to Order
   * Introduction and Declarations of Affiliations
   * Introduction to member entities
   * Introduction of new Designated Representatives and Designated Representative Alternate

Chair *Xiang Tan* called the meeting to order at 13:10 pm.

* + Goal of the Meeting

Chair *Xiang Tan* presented the goal of the Meeting:

* + Discussion about the New Draft

1. Approval of the Agenda

Chair *Xiang Tan* presented the agenda document of P1936.1 agenda.

Motion #1: Move to approve the Agenda, [*P679 WG July-31-2019-Suzhou-2nd Face to Face Meeting-Plenary Schedule-unapproved-0713.docx*](1.%20IEEE%20P679%20WG%20July-31-2019-Suzhou-2nd%20Face%20to%20Face%20Meeting-Plenary%20Schedule-unapproved-0713.docx)*.*

* + Moved by: *Yu, Yuan, Senses Global Corporation*
  + Seconded by: *Bin Tang, CAP*

Motion passed unanimously.

1. Review/Approval of the meeting minutes of last meeting

Chair *Xiang Tan* presented the meeting minutes of last meeting.

* + Motion #2: Move to approve the Minutes [*P1936-1 SDAF WG May-30-2019-1st Telecon Minutes\_unapproved\_20190605-V1*](2.%20P1936-1%20SDAF%20WG%20May-30-2019-1st%20Telecon%20Minutes_unapproved_20190605-V1.docx) *docx .*
  + Moved by: *Haiying Lu, CESI*
  + Seconded by: *Bin Tang, CAP*

Motion passed unanimously.

1. IEEE Patent Policy

Chair *Xiang Tan* presented [the Patents](https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf) slide to the WG and made a call for patents at 13:30 pm.

No potentially essential patent claims were declared, and no holders of potentially essential patents were identified.

1. Discussion/Review P1936.1 standard new draft

* Chair *Xiang Tan* presented the latest version standard draft of P1936.1 *P1936.1 SDAF Standard Draft\_V1.2\_En\_Outline\_20190730.docx*.
  + *Bin Tang* from CAP introduced the standard outline.
  + Suggestion 1:

*Fuhu Ren*: We should go back to the scope of this working group (SDAF) while we establishing the standard and the standard are to solve problems. More specifications or requirements need to be added in the standard, and it is better to focus on the requirements and this will help answer the key questions.

* + Suggestion 2:

*Zhihai*, Xu: 2 steps of establishing the standards: step 1 is to provide the terms of UAV application and step 2 is to make the requirements for the use of UAV in different scenarios clear.

1. Future Meetings
   * Next MeetingIEEE P1936.1 3rd face-to-face meeting November 2019 Chengdu ChinaIEEE P1936.1 4th face-to-face meeting March, 2020 Guangzhou China
2. Meeting to adjourn

Motion #3: Move to adjourn

* + Moved by: *Fuhu, Ren, Collaborative Innovation Center For Geospatial Big Data, Peking University*
  + Seconded by: *Yanli Xue, China TOPRS Technology Co. Ltd.*

Motion passed unanimously.

The WG adjourned at 14:20 am.

* **Attachment**

List of participants:

a. IEEE staff present:

Kamesh Namuduri(dial in), IEEE-SA

Meng Zhao,IEEE-SA

b. Voting Members present:

|  |  |  |
| --- | --- | --- |
| **Participants** | **Affiliations** | **Voting status** |
| Xiaohan Liao 廖小罕 | IGSNRR（中国科学院地理科学与资源研究所） |  |
| Xiang Tan谭翔 | IGSNRR（中国科学院地理科学与资源研究所） | V |
| Ying Mai买莹 | IGSNRR（中国科学院地理科学与资源研究所） |  |
| Haiying Lu卢海英 | CESI（中国电子技术标准化研究院） | V |
| Li Geng 耿力 | CESI（中国电子技术标准化研究院） |  |
| Sixiang Wang王思翔 | CESI（中国电子技术标准化研究院） |  |
| Qianying Liu刘倩影 | CESI（中国电子技术标准化研究院） |  |
| Chigang Peng 彭炽刚 | China Southern Power Grid Co. Ltd(中国南方电网) | V |
| Pingyuan Liu刘平原 | China Southern Power Grid Co. Ltd(中国南方电网) |  |
| Zhihai Xu 许志海 | China Southern Power Grid Co. Ltd(中国南方电网) |  |
| Yilong Chen陈义龙 | China Southern Power Grid Co. Ltd(中国南方电网) |  |
| Gao Liu刘高 | China Southern Power Grid Co. Ltd(中国南方电网) |  |
| Wenjun Han 韩文军 | State Grid Corporation of China (SGCC) (国家电网) | V |
| Xiandong Dong董贤东 | Xiaomi, Inc.（小米） | V |
| Bin Tang唐斌 | Chengdu Aeronautic Polytechnic(CAP)（成都航空职业技术学院） | V |
| Shulin Yu 余姝霖 | Chengdu Aeronautic Polytechnic(CAP)（成都航空职业技术学院） |  |
| Yu Yuan 袁昱(dial in) | Senses Global Corporation | V |
| Guangcai Xu徐光彩 | Green Valley Inetrnational 北京数字绿土科技有限公司 | V |
| ChunHai Hao郝春海 | Hebei Tianhai surveying and Mapping（河北天海测绘） | V |
| Yu Su苏郁 | China Mobile (Chengdu) Institute of Research and Development（中国移动（成都）产业研究院） | V |
| Shengwei Chen陈盛伟 | China Mobile (Chengdu) Institute of Research and Development（中国移动（成都）产业研究院） |  |
| ZiyangLiu刘子扬 | China Mobile (Chengdu) Institute of Research and Development（中国移动（成都）产业研究院） |  |
| Dong Liu 刘东 | China Mobile (Chengdu) Institute of Research and Development（中国移动（成都）产业研究院） |  |
| Zhiyun Zhai 翟智云 | CTRS ENTERTAINMENT 中交遥感载荷科技有限公司 | V |
| Fuhu Ren任伏虎 | Collaborative Innovation Center For Geospatial Big Data, Peking University(北京大学时空大数据协同创新中心) | V |
| Qingfa Wang 王庆法 | Collaborative Innovation Center For Geospatial Big Data, Peking University(北京大学时空大数据协同创新中心) |  |
| Shuangli Han韩双立 | Tianjin WOMOW S&T CO., Ltd.（天津市万贸科技有限公司） | V |
| Liangliang Yang杨亮亮 | DJI（大疆） | V |
| Minrui Zhang张敏睿 | DJI（大疆） |  |
| Yanli Xue薛艳丽 | China TOPRS Technology Co. Ltd.（中测新图） | V |
| Yafeng Ren 任亚峰 | China TOPRS Technology Co. Ltd.（中测新图） |  |
| Lu Yang 杨露 | Chengdu UAV Industry Association 成都市无人机产业协会/ Chengdu JOUAV （成都纵横） | V |

c. Non-Voting Members present (Promise to join IEEE entity membership):

|  |  |  |
| --- | --- | --- |
| **Participants** | **Affiliations** | **Voting status** |
| Xinyang Liu刘新阳 | TTA （北方天途航空技术发展（北京）有限公司） |  |
| Xiang Zou邹翔 | The Second Research Institute of CAAC（中国民航局第二研究所） |  |
| Yiyou Chen陈义友 | The Second Research Institute of CAAC（中国民航局第二研究所） |  |
| Yang Zhang张阳 | China Energy Engineering Corporation Limited(Energy China) 中国能建集团 |  |

d. Observers:

|  |  |  |
| --- | --- | --- |
| **Participants** | **Affiliations** | **Voting status** |
| Xiaohang Wen 文小航 | CUIT成都信息工程大学 |  |
| Chenguang Ma马晨光 | Skysys Intelligent Technology(Suzhou)Co.,Ltd. 星逻智能科技（苏州）有限公司 |  |
| Haibin Wang王海滨 | Skysys Intelligent Technology(Suzhou)Co.,Ltd. 星逻智能科技（苏州）有限公司 |  |
| Zhuxuan Ai艾竹轩 | 江苏赛西科技发展有限公司 |  |
| Howard.h.li(dial in) | Department of Electrical and Computer engineering, University of New Brunswick, Canada |  |