**IEEE *P1937.1* Working Group**

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

**Meeting Minutes**

***July, 31, 2019***

***09:00 AM to 15:00 PM SUZHOU***

*Haiying Lu CESI*, Working Group Chair

Recorded by *Ying Mai IGSNRR*, Working Group Secretary

1. Call to Order
   * Introduction and Declarations of Affiliations
   * Introduction to member entities

Chair *Haiying Lu* called the meeting to order at 11:00am.

* + Goal of the Meeting

Chair *Haiying Lu* presented the goal of the Meeting: *Discussion of the New Draft Version*

1. Approval of the Agenda

Chair *Haiying Lu* presented the agenda document of P1937.1 agenda.

Motion #1: Move to approve the Agenda, *IEEE\_P679 WG July-31-2019\_2nd f2f MeetingAgenda-unapproved-0713.docx* to *IEEE\_P679 WG July-31-2019\_2nd f2f MeetingAgenda-approved.docx .*

* + Moved by: *Fuhu Ren,* *Collaborative Innovation Center For Geospatial Big Data, Peking University*
  + Seconded by: *Shuangli Han,* *Tianjin WOMOW S&T CO., Ltd.*

Motion passed unanimously.

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

Chair *Haiying Lu* presented the meeting minutes of last meeting.

Motion #2: Move to approve the Minutes *P1937.1 IPDD WG IPDD WG May-30-2019\_2nd f2f Meeting Minutes\_unapproved\_20190619.docx*  to *P1937.1 IPDD WG May-30-2019\_2nd f2f Meeting Minutes\_approved.docx .*

* + Moved by: *Xiang Tan, IGSNRR.*
  + Seconded by: *Lianglian Yang, DJI*

Motion passed unanimously.

1. IEEE Patent Policy

Chair *Haiying Lu* 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 11:25 am.

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

1. Discussion about the new draft

Review P1937.1 Standard Draft v2.0

Yang Zhang from China Energy Engineering Corporation Limited(Energy China) presented the latest version standard draft of P1937.1:

*P1937.1 IPDD Draft\_V2.0\_En\_Outline\_templated\_20190727.docx*.

The WG have discussed the current draft and reached two consensuses:

* + - The definition in the draft should be searched from the IEEE dictionary first.
    - Only the non-fixed payload is within the sphere of P1937.1 standard.

1. New Business
   * P1937.3 Protocol for the Flight Data Transmission of Unmanned Aerial Vehicle Based on BeiDou Short Message has approved, Ms. *Yanli Xue* from *TOPRS. Ltd, China* was appointed to be chair of P1937.3 by *Haiqing Lu.*

Motion #3: Move to approve *Yanli Xue* from *TOPRS. Ltd, China as chair of P1937.3*

* + - Moved by: *Yu Yuan, Senses Global Corporation*
    - Seconded by: *Ying Mai,* *IGSNRR*

Motion passed unanimously.

* + New editor appointment of P1937.1

Mr. *Wenjun Han* from SGCC was appointed as editor of P1937.1 by Chair *Haiying Lu* as *Ms.Jie Bai* has resigned.

Motion #4: : Move to approve Mr. *Wenjun Han* from SGCC as editor of P1937.1

* + - Moved by: *LiangliangTan, DJI*
    - Seconded by: *Xiang Tan, IGSNRR*

Motion passed unanimously.

1. Future Meetings
   * Next Meeting

IEEE P1937.1 3rd face-to-face meeting November 2019 Chengdu ChinaIEEE P1937.1 4th face-to-face meeting March, 2020 Guangzhou China

1. Meeting to adjourn

Motion #5: Move to adjourn

* + Moved by: *Fuhu Ren,* *Collaborative Innovation Center For Geospatial Big Data, Peking University*
  + Seconded by: *Xiang Tan,* *IGSNRR*

Motion passed unanimously.

The WG adjourned at 12:30 pm.

* **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） |  |
| Ying Mai买莹 | IGSNRR（中国科学院地理科学与资源研究所） | V |
| 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 | GreenValley 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 |  |