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

 **The 1st Teleconference**

**Meeting Minutes**

***May, 30, 2019***

***09:00AM to 11:00AM BEIJING***

*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 10:10 am.

* + Goal of the Meeting

Chair *Haiying Lu* presented the goal of the Meeting: *Discussion of the Draft Version 1.0* and *Approval the Working Plan*

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 May-2019-1st Telecom-Agenda-unapproved-0529.docx.*

* + Moved by: *Chenchen Xu, IGSNRR*
	+ Seconded by: *Zhen Song, SGCC*

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 March-11-2019-FM Minutes\_unapproved\_v3\_20190326.docx to P1937.1 IPDD WG March-11-2019-FM Minutes\_ approved.docx .*

* + Moved by: *Ying Mai, IGSNRR.*
	+ Seconded by: *Zhen Song, SGCC*

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 10:25 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 v1.0

Chair *Haiying Lu* presented the latest version standard draft of P1937.1 *P1937.1 IPDD Draft\_V1.0\_ En\_Outline\_templated\_20190529.docx*.

Editer *Jie Bai* explained the Drone Interface Requirements Table in the Draft.

Question 1：

David Chen: Regarding the Payload Security Sample in the Drone Interface Requirements Table, “security policy: for example, a key to return”, it sounds like a payload security can control an UAV. Does it describe the payload itself or combine the UAV operation system together? it’s a little confusing.

Haiying Lu/ Jie Bai: Payload Security means, for example, a camera take a photo, the photo may need the position information form the UAV Operation system, this part is what Payload Security should cover. Payload Security does not control the UAV. The UAV control system is independent of the payload. The example is not proper. We will modify it.

 Motion #3: Move to approve the Minutes *P1937.1 IPDD WG March-11-2019-FM Minutes\_unapproved\_v3\_20190326.docx to P1937.1 IPDD WG March-11-2019-FM Minutes\_ approved.docx .*

* + Moved by: *Chenchen Xu, IGSNRR.*
	+ Seconded by: *Jie Bai,* *China TOPRS Technology Co. Ltd.*

Motion passed unanimously.

1. Review/Approval of the Standard Drafting plan

Chair *Haiying Lu* presented the working plan document of P1937.1 *P679 WG Working Plan\_0428-v3.docx*.

Motion #4: Move to approve the Minutes *P1937.1 IPDD WG March-11-2019-FM Minutes\_unapproved\_v3\_20190326.docx to P1937.1 IPDD WG March-11-2019-FM Minutes\_ approved.docx .*

* + Moved by: *Ying Mai, IGSNRR.*
	+ Seconded by: *Yu Su, China Mobile Chengdu Institute of Research and Development*

Motion passed unanimously.

1. Future Meetings
	* Next Meeting

IEEE P1937.1 2nd face-to-face meeting July 31, 2019 Suzhou ChinaIEEE 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: *Ying Mai, IGSNRR*
	+ Seconded by: *Jie Bai,* *China TOPRS Technology Co. Ltd.*

Motion passed unanimously.

 The WG adjourned at 11:10 am.

* **Attachment**

List of participants:

a. IEEE staff present:

Jennifer Santulli, IEEE-SA

Kamesh Namuduri, IEEE-SA

b. Voting Members present:

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| --- | --- | --- |
| **Participants** | **Affiliations** | **Voting status** |
| Haiying Lu卢海英 | CESI（中国电子技术标准化研究院） | V |
| Xiang Tan谭翔 | IGSNRR（中国科学院地理科学与资源研究所） |  |
| henchen Xu徐晨晨 | 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 |
| Pingyuan Liu刘平原 | China Southern Power Grid Co. Ltd(中国南方电网) | V |
| Zhen Song宋珍 | State Grid Corporation of China (SGCC) (国家电网) | V |
| Xiandong Dong董贤东 | Xiaomi, Inc.（小米） | V |
| Wei Hong洪伟  | Xiaomi, Inc.（小米） |  |
| Xianding He 何先定 | Chengdu Aeronautic Polytechnic(CAP)（成都航空职业技术学院） | V |
| Bin Tang唐斌 | Chengdu Aeronautic Polytechnic(CAP)（成都航空职业技术学院） |  |
| Yu Yuan 袁昱(dial in) | Senses Global Corporation | V |
| Honglian Ding丁洪亮 | KEWEITAI 深圳科卫泰 | 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) Industrial Research Institute（中国移动（成都）产业研究院） | V |
| Jian Zhou 周剑 | China Mobile (Chengdu) Industrial Research Institute（中国移动（成都）产业研究院） |  |
| ZiyangLiu刘子扬 | China Mobile (Chengdu) Industrial Research Institute（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 |
| Weixin Zhai 翟卫欣 | 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 Wanmao Science and Technology Co., Ltd.（天津市万贸科技有限公司） | V |
| Kun Li李坤 | Tianjin Wanmao Science and Technology Co., Ltd.（天津市万贸科技有限公司） |  |
| Yanli Xue薛艳丽 | China TOPRS Technology Co. Ltd.（中测新图） | V |
| Jie Bai白洁 | China TOPRS Technology Co. Ltd.（中测新图） |  |
| Yingcheng Li李英成 | China TOPRS Technology Co. Ltd.（中测新图） |  |

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

|  |  |  |
| --- | --- | --- |
| **Participants** | **Affiliations** | **Voting status** |
| Bin Ren任斌 | Chengdu UAV Industry Association 成都市无人机产业协会/ Chengdu JOUAV （成都纵横） |  |
| Liangliang Yang杨亮亮 | DJI（大疆） |  |
| Minrui Zhang张敏睿 | DJI（大疆） |  |
| Yanfei Wang王岩飞 | Institute of Electronics CAS(中国科学院电子学所)  |  |
| Guoqing Zhu 朱国庆 | TTA （北方天途航空技术发展（北京）有限公司） |  |
| Jianping Zhang张建平 | The Second Research Institute of CAAC（中国民航局第二研究所） |  |
| Pengxin Ding丁鹏欣 | The Second Research Institute of CAAC（中国民航局第二研究所） |  |
| Rui Liao | The Second Research Institute of CAAC（中国民航局第二研究所） |  |

d. Observers:

|  |  |  |
| --- | --- | --- |
| **Participants** | **Affiliations** | **Voting status** |
| Divad Chen | USA FAA |  |
| Xiaohang Wen 文小航 | CUIT成都信息工程大学 |  |