**IEEE COM/AerCom Standards Committee**

**The 7th Teleconference Meeting Minutes**

**Session1:AM 8:00 - 10:00, Jan. 7th , New York time 2025**

**PM 9:00 - 11:00, Jan.7th , Beijing time 2025**

**Session2:AM 8:00 - 10:00, Jan. 21th , New York time 2025**

**PM 9:00 - 11:00, Jan.21th , Beijing time 2025**

**WebEx :** **<https://ieeesa.webex.com/join/ymai>**

1. **Call to Order**

Chair Haiying Lu called the order at 8:00 a.m. EDT. (9:00 p.m. Beijing local time)

6 voting members participated in the meeting, and the quorum was established.

1. **Approval of the agenda**

Chair Haiying Lu presented the agenda of the meeting.

Motion #S1-1: Move to approve the Agenda: AreCom SC the 7th Meeting Agenda-20250107.docx

Moved by: Lei Yan

Seconded by:Wenjun Han

The motion passed unanimously.

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

Chair Haiying Lu presented the meeting minutes of the previous meeting.

Motion #S1-2: Move to approve the meeting minutes of the last meeting: AreCom SC the 6th Meeting Minutes- 2024-0927.docx

Moved by:Wenjun Han

Seconded by: Xionggang Li

The minutes of the 6th meeting were approved unanimously.

1. **Discussion and approval of several new standard projects.**
2. **P1936.17 Standard for Multi-UAV Collaborative Inspection Trajectory Planning in Overhead Lines**

Motion # S2-1: Move to approve P1936.17

Moved by: Alexander Gelman

Seconded by: Xionggang Li

The motion passed unanimously.

1. **P1958 Standard for Hydrogen Fuel Cell Application Framework on multirotor drones**

Motion #S1-3: Move to approve P1958

Moved by: Alexander Gelman

Seconded by: Kamesh Namuduri

The motion passed unanimously.

1. **P1936.19 Recommended Practice for Image Compression, Transmission and Recovery for Aerial Transmission Line Unmanned Aerial Vehicle Inspection**

Need to be discussed on the next meeting.

1. **P1937.4 Technical Requirements for Airport Geofencing for Unmanned Aerial System(UAS) Operation**

**Motion # S2-2: Move to approve P1937.4**

**Moved by: Yu Su**

**Seconded by: Wenjun Han**

**The motion passed unanimously.**

1. **P1937.5 Data Interaction Requirements for Unmanned Aerial Vehicle (UAV) Air Traffic Service System**

Need to be discussed on the next meeting.

1. **P1937.10 Standard for Functional, Performance, and Testing Requirements for UAV Remote Identification Ground Receiver Equipment**

Motion # S2-3: Move to approve P1937.10

Moved by: Yu Su

Seconded by: Wenjun Han

The motion passed unanimously.

1. **P1937.14 Requirements for Hazardous Medical Materials transport by multi-rotor Unmanned Aircrafts**

Need to be discussed on the next meeting.

1. **P1937.19 Requirements for Unmanned Aerial Vehicle (UAV) Air Traffic Service System**

Need to be discussed on the next meeting.

1. **P1936.20 Standard for Fault-Risk Identification in Power Lines by Drone LiDAR**

Need to be discussed on the next meeting.

1. **Nomination of the Standards Coordinator.**

Need to be discussed on the next meeting.

1. **Review and approval of the establishment of a subcommittee.**

Motion # S2-4: Move to approve the establishment of UAV Applications for Power Industry Subcommittee.

Moved by: Yu Su

Seconded by: Wenjun Han

The motion passed unanimously.

1. **Explore opportunities for collaboration with ISO/IEC JTC1/SC6.**

Need to be discussed on the next meeting.

1. **Future meeting**
2. **Adjournment**

**Attachment**

List of participants:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Participants | Affiliations | Voting Status |
| 1 | Haiying Lu | China Electronic Standardization Institute | Voting Member |
| 2 | Alexander Gelman | NETovations, LLC | Voting Member |
| 3 | Kamesh Namuduri | University of North Texas | Voting Member |
| 4 | Wenjun Han | State Grid Corporation of China (SGCC) | Voting Member |
| 5 | Xionggang Li | China Southern Power Grid | Voting Member |
|  | Yu Su | China Mobile Chengdu Institute of Research and Development | Voting Member |
| 6 | Lei Yan | Peking University | Voting Member |
| 7 | Tom Thomson | IEEE SA | Program Manager |
|  | Ziyang Liu | China Mobile Chengdu Institute of Research and Development |  |
| 8 | Yang Zhang | SGCC |  |
| 9 | Haili Liu | Zhejiang Hydrogen Craft Corporation |  |
| 10 | Haojie Weng | Zhejiang Hydrogen Craft Corporation |  |
| 11 | Jiahong Zhao | GDUT |  |
| 12 | Ziqi Ke | GDUT |  |
| 13 | Yiping Chen | Zhong Shan University |  |
| 14 | Longfei Zhang | GDUT |  |
| 15 | Xiaojie Pan | GDUT，keziqi,panxiaojie,zhanglongfei |  |
| 16 | Xiong Xue | Highgreat Technology Co., Ltd. |  |
| 17 | Cong Li | Peking University |  |
| 18 | Bin Zhong | Peking University |  |
| 19 | Yongxin Ma | China Southern Power Grid |  |
| 20 | Bin Zhong | Peking University |  |
| 21 | Chunhao Zhou | CESIwc |  |
| 22 | Rui Li | SGCC |  |
| 23 | Ping He | SGCC |  |
| 24 | Xiang Chen | SGCC |  |
| 25 | Wei Liu | SGCC |  |
| 26 | Peng Hu | CAACSRI |  |
|  | Chang Liu |  |  |