

IEEE P1937.7 Working Group

The 3rd Online and offline meeting

IEEE Standard P1937.7 PAR Approval (Atmosphere part)

Meeting Minutes

17th June, 2022 14:00 to 16:00 (UTC+8)

BEIJING, CHINA & HELSINKI, FINLAND

Yan Lei PKU, Working Group Chair

Wu Taixia HHU, Kevin Tansey LEICESTER, Yao Dong CIOMP, Working Group Vice Chair

Recorded by Li Yanfei SPHZ, Working Group Secretary

1. Call to Order

- Introduction and Declarations of Affiliations
- Introduction to member entities

Vice chair *Wu Taixia* called the meeting to order at 14:00.

- Goal of the Meeting

Vice chair *Wu Taixia* presented the goal of the Meeting: Discussion of the New Draft Version and Related Academic Discussion

2. Approval of the Agenda

Vice chair *Wu Taixia* presented the agenda document of P1937.7 agenda.

Motion #1: Move to approve the Agenda, *IEEE WG June-17-2022_3rd Meeting Agenda-unapproved.docx* to *IEEE WG June-17-2022_3rd Meeting Agenda-approved.docx*.

- Moved by: *Liu Xiao, Anhui Institute of Optics and Fine Mechanics*
 - Seconded by: *Ding Hongliang, Shenzhen Kewitai Enterprise Development Co., Ltd*
- Motion passed unanimously.

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

Vice chair *Wu Taixia* presented the meeting minutes of last meeting.

Motion #2: Move to approve the Minutes *P1937.7 WG April-15-2022-FM Minutes_unapproved.docx* to *P1937.7 WG April-15-2022-FM Minutes_approved.docx*.

- Moved by: *Li Junsheng, Aerospace Information Research Institute Chinese Academy of Sciences*.
 - Seconded by: *Yao Dong, Changchun Institute of Optics, Fine Mechanics and Physics, CAS*
- Motion passed unanimously.

4. IEEE Patent Policy

Vice chair *Wu Taixia* presented the Patents slide to the WG and made a call for patents at 14:25.

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

5. Discussion about the new draft

Review P1937.7 Standard Draft v2.0

Zhang Jianping from the Second Research Institute of Civil Aviation Administration of China presented the latest version standard draft of P1937.7:

P1937.7 IPDD Draft V2.0 En Outline templated 20220617.docx.

6. Related Academic Discussions

- Prof. Maria “Validation of light scattering models with advanced 4π scatterometry”;
- Prof. Jouni “FGI Space Geodesy update”;

Please see the attachment for details.

7. Future Meetings

- Next Meeting
IEEE P1937.7 4rd online and offline meeting September 2022 Beijing, China

8. Meeting to adjourn

Motion #4: Move to adjourn

- Moved by: Ren Fuhu, Collaborative Innovation Center For Geospatial Big Data, Peking University
- Seconded by: Zhao Haimeng, Guilin University of Aerospace Technology

Motion passed unanimously.

The WG adjourned at 16:00.

• **Attachment**

a Voting Members present:

| Participants | Affiliations | Vote Status |
|-----------------------------------|---|-------------|
| Asia-pacific meeting venue | | |
| Hu Xinli | Aerospace Information Research Institute Chinese Academy of Sciences | V |
| Li Junsheng | Aerospace Information Research Institute Chinese Academy of Sciences | |
| Li Jianjun | Anhui Institute Of Optics and Fine Mechanics | V |
| Liu Xiao | Anhui Institute of Optics and Fine Mechanics | |
| Yao Dong | Changchun Institute of Optics, Fine Mechanics and Physics, CAS | V |
| Lu Haiying | China Electronics Standardization Institute | V |
| Su Ying | CTRS Loading Jiangsu Technology Co., Ltd | V |
| Chu Jinkui | Dalian University of Technology; | V |
| Hao Chunhai | Hebei Tianhai Survering and Mapping Service Co., Ltd | V |
| Wu Taixia | Hohai University | V |
| Yin Sixian | Hohai University | |
| Li Gang | Huawei Technologies Co., Ltd | V |
| Mai Ying | Institute of Geographical Sciences and Nature Resources Research (IGSNRR) | V |
| Yu Tian | North China Electric Power University | V |
| Yan Xu | Peking University | V |

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|----------------|---|---|
| Jiang Kaiwen | Peking University | |
| Liu Siyuan | Peking University | |
| Shang Ke | Peking University | |
| Zhang Zihan | Peking University | |
| Zhao Hongying | Peking University | |
| Ren Fuhu | Peking University Collaborative Innovation Center for Geospatial Big Data | V |
| Li Yanfei | Shanghai Pudong High-tech Zone | V |
| Ding Hongliang | Shenzhen Kewetaitai Enterprise Development Co., Ltd | V |
| Wang Haibin | Skysys Intelligent Technology (Suzhou)Co., Ltd | V |
| Zhang Jianping | he Second Research Institute of Civil Aviation Administration of China | V |
| Han Shuangli | Tianjin WOMOW S&T CO., Ltd | V |
| Liu Jia | Xi'an Institute of Optics and Precision Mechanics of CAS | V |
| Liang Jian | Xi'an Institute of Optics and Precision Mechanics of CAS; | |
| Dong Xiandong | Xiaomi Communications Co., Ltd | V |

Europe-America meeting venue

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|------------------|---------------------------------------|---|
| Jouni Peltoniemi | Finnish Geospatial Research Institute | V |
| Maria Gritsevich | University of Helsinki | V |

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

| Participants | Affiliations | Vote Status |
|----------------------|---|--------------------|
| Guan Guixia | Capital Normal University | |
| Zhao Haimeng | Guilin University of Aerospace Technology | |
| Sana Ullah(Pakistan) | The Hong Kong Polytechnic University | |