

IEEE P4006 Working Group Meeting #16  
 Meeting Minutes  
 06 February 2024  
 WG Chair: Roger Oliva  
 WG Secretary: Priscilla Mohammed

1. Call to Order:

- a. *The chair called to order at 9:00 (EDT) and welcomes everybody to the online meeting.*

2. Roll Call and Affiliation

- a. The WG chair performed a roll call. Participants provided their attendance and affiliation via the Webex chat.
- b. There was a total of 14 participants in attendance.

Meeting participants:

Roger Oliva (Zenithal Blue technologies / IEEE)	Priscilla Mohammed (Morgan State University)
Ben Kim (NASA Earth Science Division)	SiriJodha Khalsa, University of Colorado, Boulder
Ryo Natsuaki (The University of Tokyo)	Kaushal Buch GMRT, NCRA-TIFR
Raúl Díez-García (Telespazio UK/ESA, UPC)	Daryl Beetner (Missouri University of Science and Technology Electromagnetic Compatibility Lab)
Giorgi Tsintsadze (Missouri University of Science and Technology)	David Schwartzman (The University of Oklahoma / Advanced Radar Research Center)
Chandra V Chandrasekar (Colorado State University)	Beau Backus JHU APL supporting NOAA
Mingliang Tao (Northwestern Polytechnical University)	Paolo de Matthaëis - IEEE GRSS

- c. *Quorum was established.*

3. Approval of agenda

- a. *The agenda was reviewed and approved.*
  - i. *Beau Backus made the motion to approve the agenda as presented.*
  - ii. *SiriJodha Khalsa seconded the motion.*
  - iii. *The motion passed without opposition.*

4. Approval of previous meeting minutes

- a. *The minutes of the past meeting was approved.*
  - i. *Beau Backus made the motion to approve the minutes as presented.*
  - ii. *Raúl Díez-García seconded the motion.*

*iii. The motion passed without opposition.*

5. IEEE Patent Policy

- a. *WG Chair presented the IEEE slides and made a call for potentially essential patents; no one raised concerns for consideration.*
- b. *WG Chair presented the copyright policy as well. There was no question or comment.*

6. Technical Discussion

- a. *Beau Backus presented at the American Meteorological Society 104<sup>th</sup> Annual Meeting on January 30, 2024. His presentation entitled "J8A.6 – Standard for Remote Sensing Frequency Band Radio Frequency Interference (RFI) Impact Assessment" was well received.*
- b. *Section 5.2.4 of the document was discussed*
- c. *The group discussed methods to merge data from several sensors to indicate RFI contaminated pixels globally.*
  - i. *Different ideas for merging of data were presented – max hold, min, weighted average*
  - ii. *It was suggested to determine definition of probability for the maps*
  - iii. *It was suggested to add definition for harmful RFI level*
- d. *It was suggested to add the monitoring of RFI in bands not allocated but linked to various applications*

7. Unfinished Business

- a. *None*

8. New Business

- a. *None*

9. Next meeting--date and location

- a. *The WG Chair proposed to hold the next WG meeting on March 5, 2024, at 9 to 10:30 EDT). It will focus on sections 5.2.4.*

10. Adjournment

- a. *The WG Chair adjourned the meeting at 10:30 (EST).*
- b. *Minutes submitted by: Priscilla Mohammed, WG secretaire.*