



EUR 213-22 / WG99-08
RTCA Paper No. 156-22/SC234-023

Saint Denis, May 20, 2022
Washington, May 20, 2022

EUROCAE WG-99 Plenary #12
RTCA SC-234 Plenary #9
Portable Electronic Devices (PEDs)

DATE: May 4, 2022
TIME: 09:00 AM– 1:00 PM EST/1300 – 1700 CET
PLACE: **Virtual**
CONTACTS:

Karan Hofmann (khofmann@rtca.org)
Anna Guégan (anna.guegan@eurocae.net)
Jamie Lutkus (jamie.lutkus@astronics.com)
Robert Kebel (robert..kebel@airbus.com)
Stephan Schulte (stephan.schulte@dhl.de)

PARTICIPANTS

Name	Organization
Andreas Rochau	Safran Engineering
Anna Guegan	EUROCAE
Ben Wong	United Airlines
Brian Verna	Federal Aviation Administration
Dan Griffith	The Boeing Company
Ed Speed	QinetiQ
Fabiano Bessa	Volocopter.
Hoang Duc Pham	Air Bus
Jamie Lutkus	Astronics
Joachim Kienzler	Lufthansa Technik
Joerg Rohwer	Lufthansa Technik
Karan Hofmann	RTCA, Inc
Kurt Stiefel	Federal Aviation Administration
Mike Airey	LSA Electromagnetics
Naruto Yonemoto	Electronic Navigation Research Institute
Nazih Khaouly	Federal Aviation Administration
Mauro Pagliarini	EASA
Praf Patel	Garmin
Robert Kebel	Airbus
Thiemo Stadler	Airbus

Welcome, Introductions and Administrative Remarks

EUROCAE WG-99 Co-chairs: Robert Kebel and Stephan Schulte:

EUROCAE WG-99 Technical Programme Manager: Anna Guégan

RTCA SC-234 Chair: Jamie Lutkus

RTCA SC-234 Government Authorized Representative: Brian Verna

RTCA SC-234 Program Director: Karan Hofmann

Opening remarks on Anti-Trust Laws, IP Policy, and Membership Policy provided by Karan Hofmann and Anna Guegan.

EUROCAE WG-99 Co- chair Robert Kebel opening remarks and roll call

Neither the Secretary nor their backup was able to attend today's plenary, so Dan Griffith volunteered to fill in for today so meeting can proceed

Problem statements:

- PED tolerance requirements updates for 5G and WiFi 6E frequency spectrum expansion
- PED interference with radio altimeters by 5G connection
- PED interference with aircraft systems with connection to WAPs utilizing WiFi 6E (new 6GHz band)

Agenda review:

- Review of the WiFi 6E and 5G working group findings
- Plan for updating standards:
 - DO-363A/ED-130
 - DO-307/ED-239A

Schedule:

- 16 Feb: 3rd plenary
 - Goal is to walk out with final document updates
 - Beginning of the FRAC/OC process
 - Document will be out for public comment for 45 days
- 1 Apr: final documents with comments incorporated
- 4 May: 4th plenary to close out the document updates; ...may the force be with you
- June 2022: publication of documents

Minutes:

- Mike Airey started presenting the comments received against DO-307 / ED-239:

- Discussion around comments regarding changing “GPS” to “GNSS” throughout the document. Decision to accept comments and incorporate suggested changes except where legacy figures are not editable, in which case a note will be made in the document to state that “GPS” is intended to mean “GNSS
 - Discussing comments regarding Section D.2 Risk Mitigation Options. The concerns expressed by Mauro center around the differences in the definitions between the Usage Categories from the SC-239 report and the Part 25 / Large Transport Category aircraft definitions. Although there is significant overlap the definitions are not identical, and so clarification should be provided to minimize potential confusion for all
 - Discussed Prof’s comments
- Finished reviewing comments against DO-307 / ED-239, moving on to comments received against DO-363 / ED-130:
 - Completed discussion of DO-363 / ED-130 comments
- Team provided consensus that documents are ready for submittal to PMC / Council for publication
- Meeting adjourned