



RTCA Paper No. 086-22/SC242-002
EUROCAE Paper No. 95-22/WG124-02

March 10, 2022

Summary of the 1st Meeting
Summary of the 1st Meeting
Spectrum Compatibility

RTCA Special Committee 242 (SC-242)
EUROCAE WG-124

Executive Summary

The joint RTCA SC-242 / EUROCAE WG-124 Plenary meeting was held on March 10, 2022. The meeting was held virtually due to existing travel restrictions.

- Briefings were presented on the following topics:
 - Summary Presentation of EUROCAE/RTCA and Working Groups/Special Committees Functioning Processes

Briefings can be found at (link may need to be copied into browser):

- RTCA AerOpus:
<https://aeropus.i3cloudservices.com/Group/GroupLanding/10010?tab=Documents&folder=Plenary+Sessions%2F2022+Sessions%2F1-March+10%2C+2022>
 - EUROCAE Workspace: <https://eurocae.sharepoint.com/sites/strato/143ce6de-838d-ec11-b400-000d3ab41693/ae2773f7-d38d-ec11-b400-000d3ab41693/SitePages/Documents.aspx>
- Next Meeting:
 - April 20, 2022 (Virtual)
 - Joint RTCA SC-242 (Meeting 2) / EUROCAE WG-124 (Meeting 2) Plenary

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Joint Plenary Meeting Summary

The joint RTCA SC-242 / EUROCAE WG-124 Plenary meeting was held on Thursday March 10, 2022. The meeting was held virtually due to existing travel restrictions.

Meeting materials can be found at (link may need to be copied into browser):

- RTCA AerOpus:
<https://aeropus.i3cloudservices.com/Group/GroupLanding/10010?tab=Documents&folder=Plenary+Sessions%2F2022+Sessions%2F1-March+10%2C+2022>
- EUROCAE Workspace: <https://eurocae.sharepoint.com/sites/strato/143ce6de-838d-ec11-b400-000d3ab41693/ae2773f7-d38d-ec11-b400-000d3ab41693/SitePages/Documents.aspx>

Thursday, March 10th Plenary

The Plenary convened at approximately 0900 EDT

1. Welcome

- Initial welcome by Anna Guegan
- Welcome and opening remarks by Terry McVenes, RTCA President and CEO, and Anna von Groote, EUROCAE Director General.
 - The changing spectrum environment and importance of this joint committee's work were noted.
- Anna Guegan and Karan Hofmann present mandatory slides on anti-trust, proprietary/intellectual property, committee participation membership, and GDPR privacy policies
 - John Mettrop notes ICAO has a similar Spectrum activity and asks for clarification whether content being developed for ICAO purposes can be shared with these committees. Anna and Karan request authors of such content coordinate with EUROCAE and RTCA in advance of sharing.
- Laurent Azouli asks whether there is any policy about embargoed country participation / information sharing?
 - Karan Hofmann notes RTCA Board of Directors has voted to exclude any embargoed country participation and sharing. AerOpus and RTCA Store access has been suspended.
 - Anna Guegan notes EUROCAE Technical Advisory Committee (TAC) is currently voting on a similar policy.
 - RTCA and EUROCAE plan is to provide guidance to all committees.

2. Introduction – Tour de Table / Participants' Presentations of Background, Experience and Expectations

- Participants introduced themselves providing information relevant to their company, their position and other spectrum-related background, experiences and expectations.
- A list of participants follows:

○ Ed Hahn, SC-242 Chair	ALPA
○ John Micallef, WG-124 Chair	EUROCONTROL
○ Clay Barber, SC-242 Secretary	Garmin
○ Alan Schuster Bruce	Inmarsat
○ Andrew Roy	ASRI
○ Anna Guegan	EUROCAE

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○ Anna von Groote	EUROCAE
○ Barbara Clark	FAA
○ Brian Eppic	FedEx
○ Capucine Amielh	Airbus
○ Chris Tourigny	FAA
○ Dave Redman	AVSI
○ Dawn Gidner	Honeywell
○ Don Nellis	FAA
○ Florian Lohr	Volocopter
○ Gerhard Berz	EUROCONTROL
○ Gerlof Osinga	Boeing
○ Ghassan Maalouli	Honeywell
○ Jean-Luc Robin	Airbus
○ Jessie Turner	Boeing
○ Jim McClay	AOPA
○ Jim Williams	Aura Network Systems
○ John Mettrop	UK CAA
○ Joseph Cramer	Boeing
○ Karan Hofmann	RTCA
○ Kim Kolb	Boeing
○ Kris Hutchison	ASRI
○ Laurent Azoulai	Airbus
○ Luc Emberger	Airbus
○ Markus Forkel	Hensoldt
○ Mauro Pagliarini	EASA
○ Michael Weiler	FAA
○ Miles Bellman	FAA
○ Naruto Yonemoto	National Institute of Maritime, Port and Aviation Technology (Japan)
○ Nicolas Shrout	ASRI
○ Olivier Pelay	Airbus
○ Rebecca Morrison	RTCA
○ Rich Stillwell	United Air Lines
○ Sai Kalyanaraman	Collins Aerospace
○ Sasa Jahkovic	Federal Supervisory Authority for Air Navigation Services (Germany)
○ Sayed Rastaghi	NavCanada
○ Steve Dominiak	Lucerne University of Applied Sciences and Arts
○ Steve Giles	MITRE
○ Terry McVenes	RTCA

3. Introduction of RTCA leadership and Determination of EUROCAE Leadership

- Anna Guegan introduces Ed Hahn, Chair, and Clay Barber, Secretary, as SC-242 leadership team.
- Anna Guegan introduces John Micallef as nominee for WG-124 Chair and asks for other nominations.
 - John is approved

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- Ed, John, and Clay provide their perspective and expectations for the committees and their roles.
 - John invites nominations for WG-124 Secretary. ACTION: Identify WG-124 Secretary.
 - Anna invites nominations for document editors for work products. ACTION: Identify document editors.
 - Jessie Turner asks whether a Government Authorized Representative (GAR) has been identified for SC-242. Mike Weiler noted FAA is currently discussing and expects a GAR will be identified and shared with RTCA soon.
4. Summary Presentation of EUROCAE/RTCA and Working Groups/Special Committees Functioning Processes
- Rebecca Morrison presents overview of RTCA background and Special Committee processes.
 - Anna Guegan presents overview of EUROCAE background and Working Group processes.
 - Rebecca and Anna jointly present overview of EUROCAE Working Group/RTCA Special Committee processes.
 - Anna notes EUROCAE's workspace will be used as the primary host. ACTION: Anna to send out instructions for creating a EUROCAE workspace account. ACTION: All to setup EUROCAE workspace account if necessary.
5. Review of WG/SC objectives and Finalization of TORs
- Ed Hahn invites Andrew Roy to provide [ICAO FSMP](#) perspective about why the SC-242/WG-124 work is needed.
 - Andrew notes that while spectrum management requires engineering, much of spectrum management is politically and economically motivated. Aviation needs to be good spectrum tenants since spectrum is not owned, it is allocated for use.
 - John Micallef invites John Metrop to provide [ITU WP 5B](#) perspective about why the SC-242/WG-124 work is needed.
 - John Metrop notes ITU will want to see how aviation spectrum is used, expectation for TX and RX spectral masks consistency with ITU guidance, and justification for protection criteria including safety margins. John also noted aviation should treat itself in the same way that non-aviation users treat spectrum compatibility. John also noted a need to be aviation to be forward looking with respect to spectrum changes; i.e., changes are going to happen, and this effort should plan for them.
 - Ed leads effort to make real-time updates of TORs.
 - Anna Guegan notes RTCA and EUROCAE TORs do not need to be identical. Need to align Deliverables, Scope, etc.
 - Alan Shuster Bruce notes need to clarify tasking vs background vs deliverables in TOR. Much discussion followed with contributions from Laurent Azouli, Andrew Roy, Sai Kalyanaraman, Gerhard Berz, John Metrop, Jessie Turner, and Dave Redman.
 - Ed Hahn noted we will not be able to close on TOR updates today. ACTION: Form ad hoc committee to come to closure on TOR content. Ed Hahn will send email requesting volunteers.
6. Development of draft Work Plan, schedule, deliverables & task allocation

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- John Micallef suggests that since we are running out of time, we need a parallel effort to develop work plan, schedule, etc. that can be discussed at the next meeting. ACTION: Draft work plan proposal.

7. Date and venue of next meeting

- Next plenary scheduled for Wednesday April 20, 2022 at 9 AM EDT as a virtual meeting.
- The following table of future meeting dates / locations was discussed

Meeting Dates	Locations (Hosts)	Releases / Approvals
April 20, 2022	Virtual	Discuss TOR updates and work plan/schedule

8. Any other business

- None

9. Action Item Review

- Clay Barber provided his list of actions captured while taking notes. Other actions were identified and included in the following table.
- The current SC-242/WG-124 Plenary Action Item list
 - New Action Items identified during this Plenary are shaded in green in the following table

#	Owner	Action	Date	Due Date	Status
Open Action Items					
1	Anna Guegan / John Micallef	Identify WG-124 Secretary	Mar 10, 2022	Apr 20, 2022	Open
2	Ed Hahn / John Micallef	Identify subgroup leads and document editors	Mar 10, 2022	Plenary 3 (date TBD)	Open
3	Anna Guegan	Send instructions for creating EUROCAE workspace account	Mar 10, 2022	Apr 20, 2022	Closed
4	All	Create EUROCAE account if necessary	Mar 10, 2022	Apr 20, 2022	Open
5	Ed Hahn	Form ad hoc committee to come to closure on TOR content	Mar 10, 2022	Apr 20, 2022	Open
6	John Micallef	Draft work plan proposal	Mar 10, 2022	Apr 20, 2022	Open

10. Adjourn

- The Plenary adjourned at approximately 1206 EDT on Thursday March 10, 2022.

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CERTIFIED as a true and accurate summary of the meeting.

Clay Barber, SC-242 Secretary

TBD, WG-124 Secretary

Ed Hahn, SC-242 Chair

John Micallef, WG-124 Chair