

May 6, 2024

NINETY-FIRST PLENARY MEETING

of RTCA SC-186

held jointly with EUROCAE WG-51 (EIGHTY-EIGHTH MEETING)

AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST (ADS-B)

**** Note: All files named in conjunction with Agenda items can be downloaded from the RTCA SC-186 Workspace at [Group - SC-186 ADS Broadcast - AerOpus \(i3cloudservices.com\)](https://group-sc-186-ads-broadcast-aeropus.i3cloudservices.com) ****

RTCA SC-186 Plenary 91 and EUROCAE WG-51 Plenary 88 Meeting Summary

1. Chairmen Welcome, Introductions, and Remarks
 - Jessie Turner convened the May 6, 2024 meeting by welcoming all in attendance. Participants were identified based on the WebEx participant list and the AerOpus website
2. RTCA and EUROCAE Policy Presentations
 - Brandi Teel read several standard RTCA policy statements
 - Alex Engel read several standard EUROCAE policy statements
3. Review of Meeting Agenda
 - Jessie reviewed the agenda
4. Review/Approval of the 90th Meeting Summary
 - The minutes from the Feb. 5, 2024 plenary were posted to the AerOpus website
 - The minutes were approved
5. Closure of Final Review and Comment (FRAC)/Open Consultation (OC) for Change 1 to RTCA DO-317C / EUROCAE ED-194B
 - Topic Leads: Lesley Weitz, Nico de Gelder, Brenda Perez, and Eltzafan Mark
 - SC-186 WG-4/WG-51 SG-3 is requesting to close FRAC/OC for DO-317C/ED-194B Change 1 and seeks approval of the document by the plenary

- Change 1 Scope
 - Incorporate CAVS requirements to enable departure operations
 - Implement minor editorial changes
 - Update ASSAP Surveillance Processing Test Data
 - Received 39 Comments on the MOPS
 - 1 Non-Concur
 - 3 High
 - 6 Medium
 - Non-concur from ALPA was successfully resolved
 - Changed Class 9 application name from CAS-D to “CAVS for Departures”
 - Added a note that the MOPS defines avionics application requirements
 - EUROCAE and RTCA stated that they were satisfied with the response they received from ALPA on the non-concur resolution
 - All FRAC/OC resolutions for high and medium comments were accepted
 - Mark Eltzafan reviewed the details of the Test Data updates that were made during the FRAC process
 - Next Steps
 - 20 May 2024 – provide final MOPS text and data supplement updates to RTCA and EUROCAE
 - 27 June 2024 – Present at the RTCA PMC Meeting
 - Motion
 - Requesting approval of FRAC/OC on DO-317C/ED-194B, Change 1 for submission to the June 27, 2024 RTCA PMC meeting and the EUROCAE council
 - Motion was seconded and approved without objections
 - Lesley Weitz thanked the team who supported this change to the MOPS
6. Discussion on proposed Change 2 to RTCA DO-260C / EUROCAE ED-102B
- Topic Leads: Matt Haskin
 - Change 2 Scope
 - Allows for easier TSO-C166c deviation submittals and approvals
 - Approved deviations specifically allowed by 14 CFR 91.225(c)
 - No intent to create a new TSO revision or modify 14 CFR 91.225/227
 - Numerous errors/omissions found in 2.4.8 (verification of the ADS-B report characteristics)
 - Testing modifications included in TSO-C166c Appendix B
 - Roll Angle clarification in 2.2.3.2.7.6.5.3
 - Others?
 - Jessie mentioned the proposed SC-206//WG-76 change (on the resolution of the Water Vapor data) as a possibility, but that it likely would need to

be a DO-260D/ED-102C (Version 4) level change (as was determined during the April 20, 2023 plenary meeting when SC-206/WG-76 presented the proposal). Matt Haskin agreed that it would be too big of a change for a Change 2.

- Mike Garcia asked if there was any discussion of updating the Aircraft ID message transmit rate to increase on change to align with the ESSASP expectations. Johan Martensson and Martin Gray agreed it could be a good thing to fix. Tom Pagano mentioned that the group would need to analyze if there are any impacts of temporary squitter rate changes to the ICAO spectrum allowances. Johan mentioned that they are processing updates to ESSASP that may provide relief to the delay of change performance requirement for ACID.
- Randy Jacobson and Jessie Turner recommended against changing the ACID transmit rate. Randy also asked about how EASA processes deviations vs. the FAA.

7. Review and Approval of Rev. 30 to SC-186 Terms of Reference

- Need to consider if the description of changes for DO-260C Change 2 and FRAC completion due dates are suitable as written in the TOR draft
- Edited the description to include “and other errors/clarifications/editorial changes” and similar language in other sections of the TOR
- Mike Garcia agreed that the limited scope in the TOR is ok for now, but that the TOR may need to be changed in the next plenary depending on the preferred path to resolving the risk of the ACID transmit rate change.
- Steve Darr asked about whether test procedure inefficiencies are covered by the term “errors”. Matt Haskin agreed to add test efficiencies to the scope for changes and the TOR Change 2 description was changed to “Update §2.4 Test Procedures to address errors/test efficiencies”.
- Motion
 - Jessie requested approval of TOR changes
 - Motion was seconded and approved without objections

8. Review and Approval of WG51 Work Programme and WG51 SG1 Task Sheet

- Johan updated the task sheet to match Jessie’s updates to the RTCA TOR
- Alex Engel suggested unchecking the box for “Unique competence for EUROCAE” and Johan agreed to the change

9. Other Business

- None

10. Review Action Items

- Open Actions:
 - Johan to discuss the MOPS/airspace rule deviation process with EASA
- Actions Closed Since Previous Plenary

- Lesley to follow up with Alex Rodriguez and Ken Jones on whether they will be ready to brief the ADS-B In Retrofit Spacing (AIRS) Evaluation results to a joint SC-186/WG-51 Plenary (planned to be ready no earlier than Sept 2024).

11. Schedule next plenary meeting

- Next Plenary (SC-186 #92/WG-51 #89) - Virtual plenary meeting date and time is to-be-determined and will be based upon the RTCA SC-186 WG-3/EUROCAE WG-51 SG-1 timeline for the Change 2 update (which will be determined during their first meeting).

12. Adjourn Plenary

- Jessie thanked everyone for their participation and adjourned the meeting.

List of Attendees

First Name	Last Name
Jorge	Alvarez
Kenneth	Bandelier
Jason	Berger
Kimberly	Brooks
Ryan	Chartrand
Steve	Darr
Nico	de Gelder
Earle	Depass
Alex	Engel
Nokwanda	Fakude
Jack	Field
Mike	Garcia
Martin	Gray
Douglas	Guetter
Ed	Hahn
Paul	Harrison
Matt	Haskin
Randy	Jacobson
Eric	Jauny
Edward	Johnson
Joseph	Kotulla
Francesco	Lo Balbo
Ian	Macoomb
José	Manuel
Eltzafan	Mark

First Name	Last Name
Johan	Martensson
Ray	Mei
Cam	Morast
Gregg	Nesemeier
Mark	Ostronic
Tom	Pagano
William	Penhallegon
Brenda	Perez
Bogdan	Petricel
Stacey	Rowlan
Jen	Scott
Stuart	Searight
Taji	Shafaat
Todd	Skoog
Rocky	Stone
Brandi	Teel
Chris	Tourigny
Brian	Townsend
Jessie	Turner
Paul	Von Hoene
Lesley	Weitz
Kevin	Wilson