



February 18, 2026

## 95TH PLENARY MEETING OF RTCA SC-186

### JOINT WITH EUROCAE WG-51 (93RD PLENARY 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://i3cloudservices.com) \*\***

### RTCA SC-186 Plenary 95 and EUROCAE WG-51 Plenary 93 Meeting Summary

1. Welcome and Introductions
  - Since there was no SC-186 Chair or Secretary, discussion of the SC-186 topics was led by RTCA staff and the SC-186 GAR, Matt Haskin.
  - Johan Martensson, Eurocontrol, is the WG-51 Chair
2. RTCA & EUROCAE Policy Presentations
  - Alexander Para (RTCA) read several standard RTCA policy statements.
  - Andrea Trimarchi (EUROCAE) read several standard EUROCAE policy statements.
3. Review Meeting Agenda
  - No updates
4. Review and Approval of the Minutes from last plenary [SC-186 #94/WG-51 #91]
  - Meeting minutes will be distributed.
  - No motion to approve was made; this will be addressed at the next Plenary.
5. Surface with Alerting (SURF-A) and Surface with Indications and Alerts (SURF-IA) ADS-B In application – Proposed MOPS Development
  - Presenter: Martin Kearney-Fischer
  - Document: “2026-02-18 SHAS Overview for SC-186.pdf”

- Briefing described a Surface Hazard Avoidance System (SHAS) that would allow a vehicle to avoid hazards from the ramp to the runway and back to the ramp. This scope appears much broader than what SC-186/WG-51 was considering for runway conflict alerting. Discussion about where this activity should reside. Some suggest a combined working group between SC-186 and SC-228 due to overlaps while others suggest solely within SC-186. Decision is unresolved.
  - A scoping exercise needs to be conducted (under SC-186 and WG-51).
    - i. Internal report proposed for this (3-month process).
    - ii. Industry needs to be involved before requirements are solidified.
    - iii. There is currently no SC-186 chair. PMC on 10 March may confirm chair.
    - iv. Until an SC-186 chair is identified, EUROCAE WG-51 can call and lead meetings.
    - v. First meeting March 11 (Invite SC-186, SC-228, SC-147) – 1000 EDT (3hr).
  - ROTOR Act (if passed in current form) has surface alerting requirements.
6. Continued discussion of GNSS RFI Status into ADS-B Out message downlink
- Presenter: Johan Martensson.
  - CONOPS papers are published but additional work is needed to define what exact information should be considered for broadcast. EUROCAE WG-51 would like to keep this as a discussion item going forward.
  - GAR: DO-260D would require updates to US rules. Recommend a change to DO-260C, adding a new squitter with GNSS RFI information.
  - ICAO SARPs would need to be updated if a new squitter is added.
7. RTCA Program Management Committee Request – Survey for Spectrum Readiness Status
- Tom Pagano and Martin Gray completed the action and sent it to the requestor.
  - Request was made to post the response in AerOpus.
8. Review & Approval of updated SC-186 Terms of Reference (Rev. 33)
- Presenter: Matthew Haskin (GAR).
  - Added Internal Report to scope ASA standards updates.
    - i. This document would involve a RAC, not FRAC.
    - ii. Includes an application for surface alerting functionality, an update to ATAS to support implementation on rotorcraft, updates/corrections that have been identified since the publishing of DO-317C, and any other additional work deemed necessary by the committee.

- Removed proposed DO-317D product.
  - Other minor changes made to update the TOR to the appropriate template and to bring the TOR up to date.
  - Revision 33 was edited during the discussion and the final version was approved.
9. Review & Approval of updated WG-51 work program and Task sheet
- It was agreed to implement the same updates as detailed in the SC-186 TORs after the plenary.
10. Approval of ED-142A WAM for Open Consultation (WG-51 only)
- Presenter: Johan Martensson.
  - Open Consultation for ED-142A (WAM) expected to start in a few months.
11. Concept for Authentication of 1090 messages
- Presenter: Daniel Polo Alvarez.
  - Document: “20260218-MITRANO-WP3-EUROCAE-RTCA-Plenary-Reduced.pdf”
  - This was a presentation on SESAR 3 solution #0372: “Security Aspects for ADS-B Phase Overlay” and proposed the introduction of an authentication feature in ADS-B Phase Overlay messages.
12. Other Business
- Volunteer/Recommendations encouraged for SC-186 chair role.
13. Review Action Items
- New Actions:
    - i. Johan Martensson and Bogdan Petricel to set up March 11 meeting.
14. Date, Place, and Time of Next Meeting
- The next plenary will be scheduled after SC-186 chair(s) are named.
15. Adjournment

### List of Attendees

First Name	Last Name
Mohammed	Ahmed
Fernando	Alvarez
Jorge	Alvarez
Doug	Arbuckle
Brian	Ast
Jason	Berger
Jean-Baptiste	Berthier
Randy	Bone
Craig	Boxrucker
Lee	Cherubin
Vinny	Chirasello
Nico	de Gelder
Nick	Demidovich
Matt	Erickson
Michael	Garcia
Susana	Gonzalez
Martin	Gray
Paul	Harrison
Matt	Haskin
Eric	Jauny
Ben	Jespersen
Ed	Johnson
Martin	Kearney-Fischer
Matthew	Kemp
Joe	Kotula
Ryan	Kuo
Al	Lindsell
Francesco	LoBalbo
Ted	Londner
Jaime	Lopez-Araquistain
Ian	Macoomb
David	Mahnke
Eltzafan	Mark
Johan	Martensson
Ray	Mei
Cam	Morast
Rebecca	Morrison
Rudy	Muller
Dayne	Olmstead

<b>First Name</b>	<b>Last Name</b>
Wes	Olson
Federico	Orta
Tom	Pagano
Alfred	Pang
Alexander	Para
Dev	Patel
Bill	Penhallegon
Bogdan	Petricel
Paulina	Piatkowska
Daniel	Polo Álvarez
Martin	Puskar
Timothy	Rahmes
Rick	Ridenour
Alex	Rodriquez
José Manuel	Rubio
Jen	Scott
Stu	Searight
Taji	Shafaat
Todd	Skoog
Stefan	Spaeth
Brandon	Suarez
Neal	Suchy
Andrea	Trimarchi
Peter	Vaiana
Andrew	Videmsek
Paul	Von Hoene
Don	Walker
Lesley	Weitz
D.J.	Winkel
Wen	Yang