

RTCA Paper No. 294-20/SC209-042  
September 15, 2020

**TWENTY FIRST MEETING**  
**RTCA SC-209 & EUROCAE WG-49**  
**ATCRBS / MODE-S TRANSPONDER**

**DATE:** September 15<sup>th</sup>, 2020

**PLACE:** Webex/Telcon

The attendees included:

**SC-209 Chair**

Thomas Pagano      The Regulus Group  
Matthew Erickson      Collins Aerospace

**WG-49 Chair**

Eric Potier      EUROCONTROL

**SC-209 Government Authorized Representative**

Matthew Haskin      Federal Aviation Administration

**SC-209 Secretary**

Timothy Steiner      Federal Aviation Administration

Participants during all, or part, of the meeting (both in person and on WebEx/Telcon):

Doug Arbuckle	FAA
Miles Bellman	FAA
Greg Comstock	StratMach
Julien Damblemont	Thales
Steve Darr	Dynamic Aerospace
Ann Drumm	MIT Lincoln Laboratory
Alex Engel	EUROCAE
Matthew Erickson	Collins Aerospace
Jack Field	MITRE
Nico de Gelder	NLR
Martin Gray	Trig Avionics
Doug Guetter	ACSS/L3
Kevin Hallworth	EASA
Matt Haskin	FAA
Randy Jacobson	Collins Aerospace
Eric Jauny	DSNA-DTI
Larry Kenney	Raytheon
Eltzafan Mark	FAA
Stuart McKay	NATS UK
Ray Mei	FAA
Rebecca Morrison	RTCA
Gregg Neseimeier	FAA
Tom Pagano	Regulus Group
Bob Pomrink	Regulus Group
Eric Potier	EUROCONTROL
Sumedh Puranik	Selex
Alex Rodriguez	FAA
Jen Scott	MITRE
Timothy Steiner	FAA
Jörg Steinleitner	EUROCONTROL
Jessie Turner	Boeing

**\*\* Note: All files named herein can be downloaded from the RTCA workspace. \*\***

**SC-209 Plenary Files:**

<http://workspace.rtca.org/apps/org/workgroup/sc-209/>

The twenty first meeting of RTCA Special Committee 209 was held in joint session with EUROCAE Working Group 49 on September 15<sup>th</sup>, 2020 via Webex/Telcon. This meeting was held in order to close out the Final Review and Comment (FRAC) period for the Mode S Transponder MOPS and approve the document for submission to the PMC. This meeting was held subsequent to the SC-186 Plenary which included on its agenda the closing out of the FRAC period for the ADS-B MOPS. The CSC is composed of four committees: RTCA SC-209 WG-1, EUROCAE WG-49, RTCA SC-186 WG-3, and EUROCAE WG-51 SG-1.

### **1. Introduction and Welcome for SC-209 / WG-49**

The meeting was called to order by SC-209 Co-Chair Thomas Pagano of the Regulus Group at 12:29 PM (EDT) on September 15<sup>th</sup>, 2020. Mr. Pagano began the meeting with a welcome to all participants and introductions of committee Chairs, and then turned the meeting over to Rebecca Morrison of the RTCA.

Rebecca Morrison welcomed all attendees to the Plenary and then covered the membership policy and both the anti-trust and propriety information policies. Alexander Engel, the EUROCAE Liaison, concurred with the statements, highlighting the similar nature of policies for EUROCAE meetings and European standards documents. Ms. Morrison concluded her opening remarks with committee membership guidance.

### **2. Review of Agenda**

Following some welcome remarks from the other Committee Chairs Matt Erickson and Eric Potier, the Plenary agenda was reviewed (*Agenda Plenary 21*). SC-209 Co-Chair Tom Pagano noted that the main business for the meeting was to close out FRAC and seek approval of the transponder MOPS by the Committee.

### **3. Review of Minutes from the 20<sup>th</sup> Meeting of SC-209**

The Minutes from the previous meeting were opened for review and accepted without revisions.  
(*209sum20 Final.pdf*)

#### **4. Close of Final Review and Comment (FRAC) Period for DO-181F and EUROCAE Open Consultation (OC) Period for ED-73F**

Tom Pagano and Matt Erickson presented summary slides of the SC-209 FRAC process which highlighted the scope of the effort and number of comments received. Following the summary presentation, a motion was made and accepted to approve Do-181F for submission to the PMC. Eric Potier followed with corresponding approval of ED-73F for submission to EUROCAE Counsel.

No other business was raised for discussion by the Committee.

The Committee chairs thanked all members for their hard work in seeing the documents through to completion.

#### **5. Other Business**

Tom Pagano opened the floor to other business. In consideration of an SC-186 Plenary for WG-4 that was scheduled for November 10<sup>th</sup>, the question was raised as to whether or not SC-209 should also have another Plenary. The Committee agreed that an SC-209 Plenary could be held at the same date, but only if needed. An announcement would be sent out if such a meeting was deemed necessary.

Jessie Turner discussed the next steps for the SC-209 Committee. Mr. Turner informed the Committee that SC-209 would be placed into an active monitoring state over the next year in order to address any issues that may arise during the manufacturers' efforts to implement the revised requirements.

#### **6. Adjournment**

Tom Pagano opened the floor for additional comments and/or issues. With no further actions or other business before the committee, Tom Pagano thanked everyone for their participation and adjourned the Plenary at 1:02 PM (EDT).

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Timothy Steiner  
Secretary, SC-209

**CERTIFIED** as a true and accurate summary of the meeting.

**- S -**

Thomas Pagano  
Co-Chair, SC-209

**- S -**

Matthew Erickson  
Co-Chair, SC-209