

RTCA Paper No. 085-20/SC209-040
March 20, 2020

TWENTIETH MEETING
RTCA SC-209 & EUROCAE WG-49
ATCRBS / MODE-S TRANSPONDER

DATE: March 20, 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/Telecon):

Doug Arbuckle	FAA
Miles Bellman	VOLPE
Edward Britten-Kelly	Advanced Core Concepts
Steve Darr	Dynamic Aerospace
Alex Engel	EUROCAE
Matthew Erickson	Collins Aerospace
Jack Field	MITRE
Ed Hahn	ALPA
Kevin Hallworth	EASA
Matt Haskin	FAA
Randy Jacobson	Collins Aerospace
Eric Jauny	DSNA-DTI
Larry Kenney	Raytheon
Ian Macoomb	Nav Canada
Gregg Neseheimer	FAA
Tom Pagano	Regulus Group
Eric Potier	EUROCONTROL
Bill Rogoza	Raytheon
Jen Scott	MITRE
Al Secen	RTCA
Todd Skoog	Garmin
Timothy Steiner	FAA
Jörg Steinleitner	EUROCONTROL

**** 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 twentieth meeting of RTCA Special Committee 209 was held in joint session with EUROCAE Working Group 49 on March 20th, 2020 via Webex/Telcon. This meeting was held in order to kickoff the Final Review and Comment (FRAC) period for the Mode S Transponder and ADS-B 1090ES 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 just after 10:00 AM (EDT) on March 20th, 2020. Mr. Pagano began the meeting with a welcome to all participants and introductions of committee Chairs, and then turned the meeting over to RTCA Program Director Al Secen.

Al Secen welcomed all attendees to the Plenary and then covered the membership policy and both the anti-trust and propriety information policies (*RTCA-EUROCAE Plenary Policy Slides.pdf*). Alexander Engel, the EUROCAE Liaison, concurred with Mr. Secen's statements, highlighting the similar nature of policies for EUROCAE meetings and European standards documents. Mr. Secen concluded his opening remarks with a request for all those in attendance to sign-in through the RTCA workspace, or to announce their name and the organization they represent.

2. Review of Agenda

Following some welcome remarks from the other Committee Chairs Matt Erickson and Eric Potier, the Plenary agenda was reviewed (*Agenda for Plenary 20.pdf*). SC-209 Co-Chair Tom Pagano noted that the main business for the meeting was to open FRAC but opened the floor for any additional items or other modifications to the agenda. No additional business was raised at that time.

3. Review of Minutes from the 19th Meeting of SC-209

The Minutes from the previous meeting were opened for comment and discussion. Tim Steiner noted a correction that was made to the Plenary date in those Minutes. With no further corrections voiced, the Meeting #19 Minutes were accepted.

(*SC-209 Plenary 19 Meeting Minutes.pdf*)

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

Al Secen began the main Plenary discussion by providing background information on the FRAC process. Mr. Secen noted that the agreement to open a document for FRAC is an indication that the document is ready to be reviewed and that no major sections need rewritten. With the material in place, the intent of the Final Review and Comment was to provide input on the correctness of the content.

Tom Pagano gave the Committee a summary of the status of the development of the documents to date. The previous meeting, Meeting 14, in January of 2020 saw the final presentation of requirements and most test procedures. Additional test procedures and updates based upon review during Meeting 14 were completed at the end of February. With all changes incorporated into the documents, Mr. Pagano recommended that the documents be opened for FRAC/OC.

Al Secen and Alex Engel noted that the documents would require some time to ensure an aligned and harmonized release for FRAC and OC. The documents were proposed to be released by Monday, March 23rd, 2020. Mr. Engel noted that the review period would be for 45 days and, with a start date of March 23rd, would see FRAC/OC period concluding on the 7th of May, 2020.

The Committee leadership followed with discussion of potential impact to the document approval schedule. While the Committee was currently planning to meet in June 2020 to resolve comments and accept a final version of these documents, it was noted that travel restrictions due to the COVID-19 pandemic may prevent that meeting. The Committee was informed that the leadership had prepared contingency dates for the next meeting and had scheduled a discussion for the 4th of May in order to make a determination on the need for moving the meeting date.

The Final Review and Comment period for DO-181F was initiated with SC-209 Co-Chair Matt Erickson calling a motion to approve the documents for FRAC/OC, and Matt Haskin seconding. And, hearing no objections from WG-49 members, Open Consultation period for ED-73F was initiated.

Al Secen concluded the discussion with guidance on the submission of comments. In order to not duplicate comments, members of WG-49 were advised to make the comments on DO-181 when it is on a proposed change common to DO-181 and ED-73.

6. Future Meetings

The next SC-209 Plenary meeting is expected to be held on June 19th, 2020 – the final day of the scheduled Combined Surveillance Committee meeting to resolve comments. The Plenary would be in conjunction with SC-186 and with the purpose of accepting the DO-181F and ED-73F MOPS. However, as discussed during the meeting, as there exists a possibility of that meeting being cancelled, contingency Plenary dates were identified as either September 4th in Brussels, or October 2nd at RTCA Headquarters in Washington DC.

The scheduled and proposed contingency dates for the next meeting is as follows:

- **Plenary 21 (scheduled)**
Date: June 19th, 2020
(final day of CSC Meeting 15, June 15 - 19)
Location: EASA – Cologne, Germany
Host: Kevin Hallworth
- **Plenary 21 (alternate #1)**
Date: September 4th, 2020
(final day of CSC Meeting 15 – August 31st to September 4th)
Location: EASA – Brussels, Belgium
Host: Kevin Hallworth
- **Plenary 21 (alternate #2)**
Date: October 2nd, 2020
(final day of CSC Meeting 15 – September 28th to October 2nd)
Location: RTCA Headquarters, Washington, D.C.
Host: Al Secen

6. Other Business

Tom Pagano opened the floor to other business. While no additional business was raised, Mr. Pagano indicated that if the next Plenary were delayed, a telcon during the week of June 15th may be necessary. If that were to come to pass, Committee members would be notified accordingly.

7. **Adjournment**

With no further actions or other business before the committee, Tom Pagano thanked everyone for their participation and adjourned the Plenary at 10:46AM (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

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Matthew Erickson
Co-Chair, SC-209