

RTCA Paper No. 119-20/SC186-377
EUROCAE No. 123-20/WG51-197

May 1, 2020

SEVENTY-SEVENTH MEETING

of RTCA SC-186

held jointly with EUROCAE WG-51

AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST (ADS-B)

DATE: May 1, 2020
TIME: 10:00 a.m. – 12:00 p.m. (EDT)
PLACE: Virtual

The attendees included:

SC-186 Co-Chairmen

Rocky Stone United Airlines, Inc.
Jessie Turner Boeing

SC-186 Secretary

Michael Garcia Aireon

SC-186 Government Authorized Representative

Matt Haskin FAA

EUROCAE WG-51, SG-3

Bogdan Petricel Chair
Nico de Gelder Secretary

EUROCAE WG-51, SG-1

Jorg Steinleitner Chair

Members (Present on the Teleconference/WebEx)

(Report generated from member supplied names on WebEx)

Brenda CTR Perez	Gregg Nesemeier FAA AIR-6B2
Jessie Turner	Jen Scott
Lesley Weitz	Sumedh Puranik
Michael Garcia	Tim Steiner
Matt Haskin	Jack Field
Sheila Conway	Eltzafan Mark
Doug Arbuckle	Paul Vonhoene
Todd	Amy Baker
Nico de Gelder	Rocky Stone
Greg Comstock	Hochwarth, Joachim (GE Aviation, US)
Brian Townsend	Ken Jones
H. Peter Stassen	Alejandro Rodriguez
Miles Bellman	Larry Kenney
Steph Priess	Ric Babcock - APA
Stuart Bowman	Ed Hahn
Hannes S. Griebel	Jason Berger
Bill Penhallegon	Bob Gaul
Ray Mei	Aaron Dutle
Wes Googe	Mike Jackson (Honeywell)
Hochwarth, Joachim (GE Aviation, US)	Rogoza
Al Secen	Ian Maccoomb

**** Note: All files named in conjunction with Agenda items can be downloaded from the RTCA SC-186 Workspace at <http://workspace.rtca.org/kws> ****

1. Chairman's Introductory Remarks.
 - Jessie convened the May 1, 2020 meeting by welcoming all in attendance. Participants were identified based on the WebEx participant list and the RTCA VP read several standard policy statements
(02_RTCA_RTCA_EUROCAE_Welcome_Meeting_KickOff_Slides.pdf)
2. Review of Meeting Agenda.
 - Jessie reviewed the agenda and noted that it is posted to the RTCA workspace.
 - Al noted that this is a joint plenary between RTCA SC-186 and EUROCAE WG-51
3. Review/Approval of the 76th Meeting Summary
 - The minutes from the March 20th 2020 plenary (#76) were posted to the RTCA website

- The minutes were approved
4. Opening of the Open Consultation (OC)/Final Review and Comment (FRAC) of Draft Change 1 to DO-361A /ED-236A, “Minimum Operational Performance Standards (MOPS) for Flight-deck Interval Management (FIM)”
- A presentation on this topic “FIM MOPS Change 1_final.pdf” was presented by Lesley Weitz
 - FIM MOPS Change 1 Contents
 - Add Test Vectors (Appendix G)
 - Update Test Procedures (Chapter 3)
 - Clarify two areas of explanatory text in Chapter 2
 - Revise Surveillance Requirements sections given update to ASA MOPS
 - Potential changes to sections resulting from changes to FRAC versions of DO-260C/ED-102B and/or DO-181F/ED-73F (if any)
 - Greg Comstock presented details of the changes by document section
 - Lesley noted that although Change 1 was published close to the original version, this offered an advantage due to the stability of the requirements supporting the updates to the test procedures and vectors.
 - FIM MOPS Change 1 schedule
 - FRAC/OC period scheduled May 8 – July 7
 - FRAC/OC resolution meeting July 22
 - Proposed Plenary for Change 1 approval – July 23rd
 - It was also discussed and agreed that the Combined Surveillance Committee (CSC) would give priority to resolve FIM-related FRAC comments to the draft ADS-B Out MOPS (DO-260C/ED-102B) and Mode S Transponder MOPS (DO-181F/ED-73F) during CSC Meeting #15 scheduled for June 15-19th.
 - Jessie made a motion to approve the Opening of OC/FRAC for the FIM MOPS Change 1
 - Motion was seconded and approved by the plenary with no objections
- Other Business.
- RTCA SC-227 – Navigation Performance - Terms of Reference Rev. 10 review and SC-227 coordination with SC-186
 - This new ToR directs SC-227 to update the RNP MASPS (DO-236D) and MOPS (DO-283C) as necessary to better support the ASA and FIM to the maximum extent practical
 - Estimated completion date for DO-236D and DO-283C – 2023
 - Note that RTCA DO-236 is a joint document with EUROCAE ED-75. Therefore, the activity will be performed jointly with EUROCAE Working Group 85 which will be reactivated for this purpose.
- Date, Place and Time of Next Meeting.

- Plenary 78 - Virtual Plenary to close FRAC/OC and approve DO-361A/ED-236A Change 1 on July 23, 2020 (10am EDT)
- Plenary 79 - Face-to-face or Virtual plenary to close FRAC/OC and approve DO-260C/ED-102B. Date & location TBD and will be discussed during CSC Meeting #15. [Note: There will be a separate SC-209/WG-49 plenary to close FRAC/OC for DO-181F/ED-73F]

- New Business
 - Schedule change for DO-260C/ED-102B and DO-181F/ED-73F FRAC/OC
 - FRAC/OC comment deadline extended to June 4th (instead of the previous May 7th)
 - Virtual Meetings June 15 – 19 with 4.5 hours planned each day
 - Planned to discuss follow-on meeting and plenary date during the June meetings. Tentative dates are:
 - Aug. 31st – Sept 4th in Brussels (or Virtual)
 - Sept. 28th – Oct. 2nd in Wash DC (or Virtual)

- Review Action Items/Work Programs.
 - Remaining Action Items from previous plenaries:
 - Target due date for the updated UAT MOPS (DO-282C) is August 2021 per the TOR (it is unlikely that WG5 would begin until after WG3 has completed FRAC). WG initiation action still remains open and the target date for completion of DO-282C may be adjusted once the working group initiates. Co-chairs will be needed to re-form the group. Some delays expected due to COVID-19 situation.

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