

May 11, 2021

EIGHTIETH MEETING

of RTCA SC-186

held jointly with EUROCAE WG-51

AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST (ADS-B)

DATE: May 11, 2021
TIME: 11:00 a.m. – 1:00 p.m. (EDT)
PLACE: Virtual

The attendees included:

SC-186 Co-Chairmen

Rocky Stone United Airlines, Inc.

SC-186 Secretary

Michael Garcia Aireon

SC-186 Government Authorized Representative

Matt Haskin FAA

Members (Present in the room and on the Teleconference/WebEx)

Name	Name	Name
Aaron Dutle	Daniel Brock	Ian Maccoomb
Al Secen (RTCA)	Doug Arbuckle	Jack Field
Alex Rodriguez	Doug Guetter	Jen Scott
Bill Carson	Ed Hahn / ALPA	Lesley Weitz
Bob Gaul	Edward Johnson	Martin Gray
Brandon.Suarez	Eltzafan Mark FAA	Matt Haskin
Brenda Ctr Perez	Greg Comstock	Michael Garcia
Casey Ohringer	H. Peter Stassen	N Demidovich

Name	Name	Name
Rakesh Nayak	Steph Priess	Tim Steiner
Ray Mei	Steve Darr	Tom Mosher (Garmin)
Rob Strain	Stuart Bowman	Tom Pagano
Rocky Stone	Stuart Mckay (UK CAA)	Wes Gooze (AA)
Rogoza	Stuart Searight	

**** 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. RTCA Policy Presentation
 - Al Secen read several standard policy statements
(02_RTCA_RTCA_EUROCAE_Welcome_Virtual_Mtg_KickOff_Slides.pdf)
2. Co-Chairs Welcome, Introductions, and Remarks
 - Rocky convened the May 11, 2021 meeting by welcoming all in attendance. Participants were identified based on the WebEx participant list
 - The Co-Chair Jessie Turner was unable to attend this meeting
3. Review of Meeting Agenda.
 - Rocky reviewed the agenda
4. Review/Approval of the 79th Meeting Summary
 - The minutes from the Nov 10th 2020 plenary (#79) were posted to the RTCA website
 - The minutes were approved
5. WG-5 UAT Work Plan/Schedule/Status
 - A presentation on this topic “SC-186_Plenary80_WG5_Update_May2021.pdf” was presented by Rob Strain
 - Purpose of WG5’s effort is
 1. Harmonize UAT with 1090ES ADS-B Standards (DO-260C)
 2. Address Errors, Omissions, Clarifications, Changes
 3. Consider New Functionality
 - FRAC Completion expected March 2022
 - Several activities were grouped together for convenience to facilitate the work
 - Mike Garcia asked if there’s been any major issues or roadblocks so far

- Rob mentioned that TIS-B/ADS-R Service Status (Traffic Uplink Management Message) has some differences that may have some challenges to resolve
 - Tom Pagano mentioned that this issue may result in a change to DO-260C depending on the resolution to this
 - Rocky asked if we're tracking a DO-260C Change 1 list of issues needing corrections. Tom said yes, although none have motivated a quick release except for perhaps the Service Status issue. Kicking off a potential Change 1 effort would require coordination with EUROCAE
 - Matt Haskin noted that the information may go into the TSO to help bridge the gap
- Rocky asked if the group is mainly focused on harmonization or if there are potentially new features being discussed beyond what was defined in DO-260C
 - Rob said so far no new candidate topics have percolated to the top of mind within the group
6. Other Business
- Some discussion was had about when DO-260D/DO-260C (Change 1) may be re-opened to resolve the phase modulation decision
 - Additionally, Rocky and Mike asked whether a CONOPS for phase modulation was in the works to define messages beyond state vector to be transmitted/received.
7. Review Action Items
- Action: Tom Pagano to explore whether DO-260C Change 1 may be needed and in what timeframe
 - Remaining Action Items from previous plenaries
 - ~~Action: Al Secen to provide committee guidance documentation to Rob Strain (WG-5 Chair).~~
 - ~~Action: Rob Strain, Al Secen, and SC-186 leadership to meet to review logistics and plan for WG-5 activities.~~
8. Date, Place and Time of Next Meeting.
- Plenary 81 - Virtual plenary meeting date and time proposed to November 9, at 11am EDT
9. Adjourn Plenary.
- Rocky thanked everyone for their participation and adjourned the meeting.