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Saint Denis, 20Jan2023
 Washington, 20Jan2023

**EUROCAE WG-119 Plenary Meeting #10 “Radar Altimeter” /
 RTCA SC-239 Plenary Meeting #10 “Low Range Radar Altimeter”**

DATE: 20 Jan, 2023

TIME: 9 AM – 1 PM US Eastern Time

PLACE: Virtual / In person

CONTACTS:

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AGENDA

1. EUROCAE/RTCA presentations and policy - Rebecca, Alain
2. Round table of introductions
3. Status of the DO-399/ED-310 document
4. Status of the new MOPS (DO-155A/ED-30A) effort
5. Identification of next plenary date, other business
6. Adjourn

PARTICIPANTS

Name	Org	Member of the public
Ahmad Armand	T-Mobile	X
Alain Vallée (EUROCAE)	EUROCAE	
Andrew Roy	ASRI	

Barbara Clark	FAA	
Behlul Poonawalla FreeFlight	Free Flight Systems	
BRUTSCHER, Helmut	Airbus	
Charles Glass (NTIA)	NTIA	
Clay Barber (Garmin)	Garmin	
Dave Redman	AVSI	
Dennis McColl	Verizon Wireless	X
Doug Hyslop CTIA	CTIA	X
Ed Hahn	ALPA	
Eddie Straub (Garmin)	Garmin	
Glyn Carter - GSMA	GSMA	X
Huan Liu - Thales	Thales group	
Hussain Al-Sadi	Boeing	
James Gilb	Ga-Asi	
Janet Young, FCC	FCC	
Jean-Luc Robin (Airbus)	Airbus	
Jeppé Kristensen	SDF	X
Jim Williams	Aura network systems	
John Kay	US CELLULAR	X
Josep Giné - ATR	Atr-Aircraft	
Kambiz Rahnavardy, FCC	FCC	
Kim Kolb	Boeing	
Mark Racek (Ericsson)	Ericsson	X
Miles Bellman	FAA	
Natalie Wong TCCA	TCCA	
Navid M (AT&T)	ATT	X
Neeti Tandon	ATT	X
Nicholas Shrout (ASRI)	ASRI	
Nokia - Fabiano Chaves	Nokia	X
Noman Alam (Ericsson)	Ericsson	X
PAGLIARINI Mauro	EASA	
Paul Dunlap (Airbus Helicopters, Inc.)	Airbus	
Pete Tenerelli	Verizon	
Qualcomm, Pier Vallese	Qualcomm	X
Rajah Castillo	Sensor antennas	
Rebecca Morrison	RTCA	
Richard AMY - DGAC FR	DGAC	
Sai Kalyanaraman	Collins	
Seth Frick - Honeywell	Honeywell	
Shunichi Futatsumori ENRI	ENRI	
Stéphane Tallet Thales	Thales Group	
Ted Peterson Collins	Collins	
Thomas Googe (AA)	AA	
Timo Warns / Airbus	Airbus	

Tom Peters	Jenner	X
Torben Themsen	Btopenworld	X
Tuck Poon (Nokia)	Nokia	X

1. Welcome, Introductions and Administrative Remarks

Rebecca Morrison from RTCA and Alain Vallee from Eurocae welcomed the participants. Rebecca and Alain presented the RTCA and Eurocae IPR and other relevant policies. Rebecca lead the roundtable table of introductions.

2. Agenda Review

The group reviewed and approved the meeting outline (a specific agenda slide was not used for this shorter virtual plenary) that Jean Luc presented. Jean-Luc mentioned that we don't have a final document to discuss and that we anticipate having a shorter plenary meeting.

3. Plenary discussions

Many comments against DO-399/ED-310 have been tentatively resolved. David Redman had performed an excellent job of pulling the document updates (stemming from the comments resolution) together. The FRAC/OC process ended with 5 Non concurs, 99 High, 97 medium, 77 low and 457 editorial comments.

Jean luc (in slide 2 of the plenary presentation) went through the current status of DO-399/ED-310 and the plan forward to close out the document and release the same. He asked the stakeholders to check the consistency of the implementation of updates in the document (once the document is posted for review). Dave Redman asked the participants to reach out to him for any further technical follow ups to the current comments that have been addressed.

The SC-239 leads need written confirmation (from the commenters) that resolutions to the non-concurs are addressing their comments. As of this plenary, all non-concurs have been discussed. Updated timeline to close out all the comments and the one outstanding non-concur was captured in slide 2 of the presentation by Jean Luc. The Plan was to close out the document by the February SC-239 plenary. The group planned upon setting up a time to meet with CTIA to address their outstanding comments.

Dave Redman provided a quick status update on the comments resolution. He indicated that once the comments have been resolved and updated, the comments resolution spreadsheet be available on aeropus for all members to review.

There was further discussion that there might be additional (anonymized) manufacturer data that could be reviewed alongside the current BAPFD data (as part of future MOPS discussions and not for inclusion in DO-399). This anonymized data was then shared with the SC-239 group via aeropus.

Jean luc presented an updated slide indicating the plan for the next generation rad alt MOPS standard. DO-399 will serve as an initial input for the RF rejection and tolerance details. This will be clubbed with other tolerance / RF rejection inputs (along with other additional inputs towards

compiling an updated MOPS) during the MOPS development process. The plan was to get into FRAC / OC by the end of this Calendar year (Dec 2023).

4. Future Meetings

- a. Next joint plenary with Eurocae WG-119 will be on 17th Feb 2023 at the RTCA premises in Washington DC.

5. Actions

- a. Rebecca – to send out a doodle poll invite to CTIA and SC-239 leadership team to lock down a meeting time to close out comments.
- b. Rebecca – The following is to address public comments - Once the comments have been resolved and implemented, Rebecca to filter the comments (from the spreadsheet) by commenter name and give the comments resolution details back to the commenter alongside the updated document pages that she will share with members of the public.

6. Adjourn

The meeting adjourned around 11 AM US ET.