WG-115 / SC-238 – Counter UAS

4 August 2023 – Plenary Session #17

1. Welcome, Introductions, Administrative Remarks by Committee Leadership

Meeting attendees

Adam Robertson	Fortem Technologies
Alex Milns	EUROCAE
Assaf Monsa	D-Fend Solutions Ltd
Eugenio Diotalevi	IFATCA
Filippo Tomasello	EuroUSC
Henrik Olsson	Weibel Scientific
Julia Sanchez	EUROCONTROL
Karan Hofmann	RTCA
Lee Gratz	SAAB
Lee Nguyen	NUAIR Alliance
Manon Gaudet	IATA
Mark Reed	ALPA
Queron "Q" Thompson	FAA
Stepan Urban	Honeywell
Talwyn Haley	FAA
Thomas Oster	EASA
Tom Haritos	Kansas State University
Torsten Kretschmann	DFS
Tricia Fantinato	FAA
Xylene Gonzalez	ALPA

Meeting opened 09h05 CEST / 09h05 EDT.

Introduction by Assaf, thanking those members who had contributed to the SP/IR document to date. The purpose for today's meeting being a final review of the document with aim being that we take a decision to release the draft to Open Consultation / Final Review and Comment

Tour de table – all participants introduced themselves.

Adam reiterated Assaf's opening comments, thanking those members who had made significant contributions to the document development.

2. RTCA/EUROCAE Policy Material

Alex and Karan introduced the EUROCAE and RTCA policy slides.

3. Review Agenda

Agenda as proposed was agreed.

4. Review minutes from Plenary #16 (15-16th June 2023)

Alex reviewed the minutes from meeting #16. Minutes were adopted.

5. Terms of Reference update

The updated terms of reference were briefed to the meeting above agenda item. RTCA PMC and EUROCAE TAC approved the proposals from the WG/SC as expected.

Current deliverables are (EUROCAE publication dates mentioned):

DO / ED-xxx	System Performance and Interoperability Requirements for non-cooperative UAS detection systems	Q4/2023
DO-389A / ED-286A	OSED for Counter-UAS in controlled airspace	Q4/2024
DO / ED-xxx	Interoperability Requirements for Counter-UAS systems	Q4/2025

6. SPR/INTEROP for non-cooperative UAS detection systems – Review

The latest version of the document was tabled in the meeting, having been made available to members on 02 August: Accessible via Aeropus link or ED SPR C-UAS_0.20_02AUG2023.docx

Julia spoke to the latest evolution of the document, including a summary of the Chapter structure. It was noted that this would be the first version of the standard and that future revisions were likely, particularly following the WG/SC's review of the OSED (the next task). The document focusses on the detection element, within the C-UAS 'system of systems'.

The document was not reviewed in detail during the course of the meeting.

The document as presented still has a number of unresolved comments that need to be considered by the chapter authors. A good discussion ensued regarding the readiness of the document to proceed to OC/FRAC. Karan explained the RTCA position concerning the approval needed for the 'final' draft to be approved in Plenary; it would not be appropriate for the extent of comments still outstanding to be dealt with before FRAC but after a plenary. It was also noted that the document should not be going to OC/FRAC with the comments still present, and also that any known issues are best resolved before releasing to OC/FRAC.

Karan also presented a timeline towards publication available here on the EUROCAE Workspace

7. Decision required: Proceed to OC/FRAC for SPR/INTEROP document, and timeline

Options considered:

1: Proceed to OC/FRAC with the document as presented to the meeting

2: Document editors/chapter leaders to further review comments, with a view to resolving them ahead of a next plenary session which would then approve the document for OC/FRAC. Also opportunity for other WG/SC members to review and make recommendations.

Consensus was for Option 2, with a next plenary meeting set for 21 August 2023.

8. Review Actions

Alex / Karan – Calling notice for Plenary meeting 21 August 2023 15h00 CEST / 09h00 EDT.

Julia – coordinate final review of SP/IR document with chapter leaders and other interested WG/SC members. Final draft to be available prior to the above meeting.

9. Any Other Business

Alex and Torsten provided a brief introduction to a new CEN (European Committee for Standardization) Workshop on testing methodology for C-UAS. The kickoff meeting was earlier today, and the outcome will be a CEN Workshop Agreement (a document type used in CEN) within around 1 year. Alex will maintain a liaison but other WG-115 / SC-238 members are welcome to register there.

Additional details available [here:](#)

9. Set Future Meetings

Plenary Meeting #18: 21st August 2023 - Virtual – Preparation for OC/FRAC for SPR/INTEROP

Plenary Meeting #19: 24 – 25th October – RTCA – Review of OC/FRAC for SPR/INTEROP

10. Adjourn

Assaf noted that the major work was now done, we were getting close to the finish line with this current work, and again thanked the members who had contributed so much to the outcome so far.

Julia reinforced the need for member participation in the document development cycle, welcoming any final comments ahead of the next meeting in 2 weeks.

Adam acknowledged the ongoing commitment of members to the important work.

Meeting closed at 16h45 CEST / 10h45 EDT.

Minutes prepared by Alex Milns – WG-115 TPM