



EUR 322-20 / WG82-81
 RTCA Paper Number: 298-20/SC223-098

St Denis & Washington, November 5, 2020

Minutes of EUROCAE WG-82 / RTCA Special Committee SC-223 (Plenary #39) Joint Meeting
“AeroMACS Standards”

Date	Monday November 2, 2020
Time	10am – Noon EDT
Hosted by	Virtual Meeting
Venue	For Webex, Contact Rebecca or Anna Guegan
Contact	<p>Rebecca Morrison, Program Director, RTCA (202) 330-0654 or rmorrison@rtca.org</p> <p>Anna Guegan, EUROCAE anna.guegan@eurocae.net</p>

Attendees:

Name	Role	Affiliation
Darden, Joseph	Guest	IRIDIUM SATELLITE LLC
De Sousa, Ricardo	Member	NATS
Emberger, Luc	Member	AIRBUS
Freud, Cindy	Member	THE MITRE CORPORATION
Georgiou, Peter	Guest	FEDERAL AVIATION ADMINISTRATION (FAA)
Graefe, Jonathan	Member	COLLINS AEROSPACE
Guegan, Anna	Director	EUROCAE
Hideyuki, Ishii	Member	JRANSA JAPAN
Jain, Rovi	Member	FEDERAL AVIATION ADMINISTRATION (FAA)
Ladron, Daniel	Member	THE BOEING COMPANY
McGuire, Tim	Guest	FEDERAL AVIATION ADMINISTRATION (FAA)
Malaga, Alfonso	Member	HONEYWELL
Moore, John	Guest	COLLINS AEROSPACE
Morrison, Rebecca	Manager	RTCA, INC.
Nguyen, Lee	Member	FEDERAL AVIATION ADMINISTRATION (FAA)
Niraula, Madhu	Member	COLLINS AEROSPACE
Phillips, Brent	Government Authorized Representative	FEDERAL AVIATION ADMINISTRATION (FAA)
Pierattelli, Simona	Member	LEONARDO
Popescu, Liviu	Member	EUROCONTROL

Roy, Alope	SC-223 Chair	HONEYWELL INTERNATIONAL, INC.
Saccone, Greg	Member	THE BOEING COMPANY
Schlereth, Armin	WG-82 Chair	DFS DEUTSCHE FLUGSICHERUNG GMBH
Suarez, Brandon	Guest	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.
Vivaldi, Giulio	Member	LEONARDO
Weger, Roberto	Member	SITTI
Williams, Jim	Guest	JHW UNMANNED SOLUTIONS LLC
Zeng, Dongsong	SC-223 Secretary	THE MITRE CORPORATION

AGENDA

1. Welcome address. Meeting Organisational Issues
2. Approval of the Agenda
3. Administrative Remarks
4. Discussion of requested changes against DO-346/ED-223
5. Discussion of work plan and schedule to update DO-346/ED-223
6. Review and Approve TOR changes for SC-223 and WG-82
7. Plan for Future Meeting
8. Any Other Business of Interest
9. Review of Meeting Decisions and Actions
10. Adjourn

Agenda Items 1. Welcome address. Meeting Organizational Issues

Alope Roy, SC-223 Chair, and Armin Schlereth, WG-82 Chair, welcomed the participants.

Agenda Item 2. Approval of the Agenda

The group reviewed and approved the meeting agenda.

Agenda Item 3. Administrative Remarks

Rebecca Morrison, Program Director, RTCA, and Anna Guegan, Director, EUROCAE, presented the RTCA/EUROCAE intellectual property and membership policy statements. All participants agreed on the statements and no issue were raised.

Agenda Item 4. Discussion of requested changes against DO-346/ED-223

Alfonso Malaga, ACES, Inc., presented slides titled “Proposed Updates to AeroMACS MOPS” to the group. The group discussed the proposal and believed that additional measurement data and further analyses are needed before making decisions.

Action 1. Simona Pierattelli, Giulio Vivaldi, and Ishii Hideyuki to reach out to AeroMACS manufacturers for their real product emission data.

Action 2. Dongsong Zeng and Alfonso Malaga to recalculate and verify the unit conversion of various emission masks.

Agenda Item 5. Discussion of work plan and schedule to update DO-346/ED-223

The group discussed the plan for AeroMACS MOPS update. It was tentatively agreed that the emission mask and spurious emissions specifications between the ICAO SARPs, ICAO Technical Manual (DOC 10044) and the RTCA/EUROCAE MOPS need to be better aligned for improvement of AeroMACS compatibility. The SC-223 and WG-82 also agreed to further investigate the potential MOPS defect that was identified by the RTCA SC-228. SC-223 and WG-82 agreed to jointly work on these technical issues and address any other defects that were identified as part of various AeroMACS system implementations and deployments since the publication of the MOPS.

SC-223 and WG-82 agreed to meet in a joint Plenary session on December 2 to review the results of action items 1 and 2 above and to approve a TOR revision proposal with a proposed completion date at the December Plenary.

Action 3. Alope Roy and Armin Schlereth to draft SC-223/WG-82 TOR revision proposal.

Agenda Item 7. Plan for Future Meeting

Next joint SC-223/WG-82 meeting is scheduled from 10:00 AM-12:00 PM EST, December 2, 2020

Agenda Item 8. Any Other Business of Interest

No other business topics were brought up during the meeting.

Agenda Item 9. Review of Meeting Decisions and Actions

Meeting actions were reviewed during the meeting and recorded below.

Agenda Item 10. Adjourn

The meeting was adjourned around 12:00pm EST, November 2, 2020.

List of Action Items

Action Item #	Action Content	Responsible	Due Date	Status
P39-1	Reach out to AeroMACS manufacturers for their real product emission data	Simona Pierattelli, Giulio Vivaldi, and Ishii Hideyuki	Nov. 25, 2020	
P39-2	Recalculate and verify the unit conversion of various emission masks.	Dongsong Zeng and Alfonso Malaga	Nov. 25, 2020	
P39-3	Draft SC-223/WG-82 TOR revision proposal	Alope Roy and Armin Schlereth	Dec. 2, 2020	

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Dongsong Zeng
Secretary

CERTIFIED as a true and accurate summary of the meeting.

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Alope Roy
SC-223 Chairman

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Armin Schlereth
WG-82 Chairman