MINUTES OF THE THIRTY-SECOND SC-223 PLENARY JOINT WITH THE NINETH EUROCAE WG-108 MEETING
“Internet Protocol Suite (IPS) and AeroMACS”

DATE: March 25-29, 2019
TIME: 9:00 a.m. – 5:00 p.m. EDT
PLACE: RTCA
1150 18th St NW, Suite 910
Washington, DC 20036

CONTACT: Rebecca Morrison, Program Director, RTCA
(202) 330-0654 or rmorrison@rtca.org

Adrian Cioranu, Technical Program Director, EUROCAE
+33 1 49 46 19 72 or adrian.cioranu@eurocae.net

Attendees:

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Affiliation</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cioranu, Adrian</td>
<td>Member</td>
<td>EUROCAE</td>
<td>WebEx</td>
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<tr>
<td>Correas, Antonio</td>
<td>Member</td>
<td>Skymantics</td>
<td></td>
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<tr>
<td>d'Humières, François</td>
<td>Member</td>
<td>FREQUENTIS A.G.</td>
<td></td>
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<tr>
<td>Dlouhy, Ron</td>
<td>Member</td>
<td>Collins Aerospace</td>
<td></td>
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<tr>
<td>Drasil, Pavel</td>
<td>Member</td>
<td>Honeywell International, Inc.</td>
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<tr>
<td>Gandolfi, Catherine</td>
<td>Member</td>
<td>European Aviation Safety Agency (EASA)</td>
<td>WebEx</td>
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<tr>
<td>Graefe, Jonathan</td>
<td>Member</td>
<td>Collins Aerospace</td>
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<tr>
<td>Maiolla, Vaughn</td>
<td>Member</td>
<td>International Civil Aviation Organization</td>
<td></td>
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<tr>
<td>Mineck, Kristen</td>
<td>Member</td>
<td>INMARSAT</td>
<td></td>
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<tr>
<td>Morrison, Rebecca</td>
<td>Manager</td>
<td>RTCA, Inc.</td>
<td></td>
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<tr>
<td>Nguyen, Lee</td>
<td>Member</td>
<td>Federal Aviation Administration (FAA)</td>
<td>WebEx</td>
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AGENDA

1. Welcome, Introductions, EUROCAE and RTCA Policy Statements, Administrative Remarks
2. Review and approve the Agenda
3. Review of previous meeting notes and action items
4. Review IPS Profile FRAC/OC comments and proposed resolutions
5. Consider a motion to approve the resolutions of IPS Profile review comments received during the OC/FRAC period and submit to the RTCA PMC and EUROCAE Council for publication
6. IPS MASPS Development
7. Any Other Topics of Interest
   a. Future coordination between SC-223 and SC-228
   b. Regulatory involvement, especially in safety assessment and certification process
8. Plans for Next Meetings
9. Review of Action Items and Meeting Summary
10. Adjourn when plenary business is complete

Agenda Items 1. Welcome, Introductions, EUROCAE and RTCA Policy Statements, Administrative Remarks

Aloke Roy, Chair of SC-223, Honeywell, and Stephane Pelleschi, Chair of WG-108, Collins, welcomed the participants.

Rebecca Morrison, Program Director, RTCA, and Adrian Cioranu, Technical Program Manager, EUROCAE, presented the RTCA/EUROCAE policy statements.
**Agenda Item 2. Review and approve the Agenda**

The group reviewed and approved the meeting agenda.

**Agenda Item 3. Review of previous meeting notes and action items**

The group approved the SC-223 P31 meeting minutes and updated the status of action items.

**Agenda Item 4. Review IPS Profile FRAC/OC comments and proposed resolutions**

The group reviewed all high, medium and low FRAC/OC comments and the corresponding resolutions during the meeting and left the editorial comments to the disposition of the secretary and subsequent group review.

**Agenda Item 5. Consider a motion to approve the resolutions of IPS Profile review comments received during the OC/FRAC period and submit to the RTCA PMC and EUROCAE Council for publication**

**Decision 1:** The group approved the resolutions of IPS Profile review comments received during the OC/FRAC period and will submit to the RTCA PMC and EUROCAE Council for publication.

**Decision 2:** A telecon was scheduled on April 24 (10:00 AM EST), 2019, to make sure all FRAC resolutions are correctly executed in the updated Profile.

**Action Item P32-1:** Dongsong Zeng to update the Profile to include all FRAC/OC resolutions and Rebecca to distribute the file to the group by April 8.

**Action Item P32-2:** Aloke Roy and Stephane Tamalet to work out a consented resolution on row reduction in Appendix B-6 RFC 2597 detailed profile before April 1.

**Action Item P32-3:** Group to review the updated Profile to make sure all FRAC/OC resolutions are correctly executed by April 15.

**Action Item P32-6:** Aloke to resolve Alistair’s comment by April 1.

**Agenda Item 6. IPS MASPS Development**

The group discussed and tentatively agreed on the updated IPS MASPS development schedule in Figure 1.
Decision 3: Joint ICAO, AEEC, RTCA, and EUROCAE meeting is proposed for late 2019 or early 2020.

Action Item P32-4: Alok Roy and Stephane Pelleschi to update the MASPS schedule and draft corresponding TOR revision.

Action Item P32-5: Dongsong to put SC-223/WG-108 TOR approval on the agenda of next meeting.

Action Item P32-7: Members who were assigned to work on specific MASPS sessions will start to develop the corresponding MASPS annexes.

Agenda Item 7. Any Other Topics of Interest
a. Future coordination between SC-223 and SC-228
   The group plans to continue collaborating with SC-228 in IPS MASPS development.

b. Regulatory involvement, especially in safety assessment and certification process
   The group believes that regulatory involvement (e.g., FAA and EASA), especially in safety assessment and certification process is important to the IPS MASPS development.

Agenda Item 8. Plans for Next Meetings
- Monthly telecon on the 4th Wednesday 10 AM EST
- Joint SC-223 P33 / WG-108 meeting, June 17 - 21, 2019, hosted by Collins Aerospace, Toulouse, France (POC: Stephane Pelleschi, please email your passport electronic copy to Stephane three weeks in advance if you plan to attend)
Joint SC-223 P34 / WG-108 meeting, September 30 - October 4, 2019, RTCA (Room confirmed on the 4th floor)
Joint SC-223 P35 / WG-108 / AEEC meeting, December 9 - 13, 2019, EUROCONTROL, Brussels (Inform Liviu before December 1 if you plan to attend).

**Agenda Item 9. Review of Action Items and Meeting Summary**

Dongsong Zeng, MITRE, presented the out-briefing (SC-223 P32_WG-108 Meeting OutBriefing_Mar_2019.pptx) which summarizes all the decisions and action items that were made during this meeting. The work group reviewed and agreed on the out-briefing.

**Agenda Item 10. Adjourn when plenary business is complete**

The meeting adjourned around 1:00 PM, March 29, 2019.

### List of Action Items

<table>
<thead>
<tr>
<th>Action Item #</th>
<th>Action Content</th>
<th>Responsible</th>
<th>Due Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>P29-2</td>
<td>Reach out to SC-228 to verify whether IPS will be used by C2 link</td>
<td>Alok Roy</td>
<td>Dec. 3, 2018</td>
<td>12/10/2018 – done. The dependency is still to be defined. 3/25/2019 – keep it open.</td>
</tr>
<tr>
<td>P32-1</td>
<td>Update the Profile to include all FRAC/OC resolutions and Rebecca to distribute the file to the group</td>
<td>Dongsong Zeng</td>
<td>April 8, 2019</td>
<td>4/24/2019 – Done and closed</td>
</tr>
<tr>
<td>P32-2</td>
<td>Work out a consented resolution on row reduction in Appendix B-6 RFC 2597 detailed profile</td>
<td>Alok Roy and Stephane Tamalet</td>
<td>April 1, 2019</td>
<td>4/24/2019 – Done and closed</td>
</tr>
<tr>
<td>P32-3</td>
<td>Review the updated Profile to make sure all FRAC/OC resolutions are correctly executed</td>
<td>All members</td>
<td>April 1, 2019</td>
<td>4/24/2019 – Done and closed</td>
</tr>
<tr>
<td>P32-4</td>
<td>Update the MASP schedule and draft corresponding TOR revision</td>
<td>Stephane Pelleschi and Alok Roy</td>
<td>June 17, 2019</td>
<td></td>
</tr>
<tr>
<td>P32-5</td>
<td>Put SC-223/WG-108 TOR approval on the agenda of next meeting</td>
<td>Dongsong Zeng</td>
<td>June 17, 2019</td>
<td></td>
</tr>
<tr>
<td>P32-6</td>
<td>Resolve Alistair’s comment</td>
<td>Alok Roy</td>
<td>April 1, 2019</td>
<td>4/24/2019 – Done and closed</td>
</tr>
<tr>
<td>P32-7</td>
<td>Members who were assigned to work on specific MASP sessions will start to develop the corresponding MASP annexes</td>
<td>Assigned Members</td>
<td>June 17, 2019</td>
<td></td>
</tr>
</tbody>
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CERTIFIED as a true and accurate summary of the meeting.

- S-
Aloke Roy
SC-223 Chairman

- S-
Stephane Pelleschi
WG-108 Chairman