



RTCA Paper No: 224-25/SC228-129

**RTCA- 228**

**Summary of Plenary #46 RTCA Paper No. 295-24/SC228-121**

**HYBRID MEETING**

**9:00 AM PDT, August 01, 2025**

The forty-sixth plenary of RTCA Special Committee 228 was called to order by SC-228 Co-Chair, Jim Williams at 9:00 AM PDT on August 01, 2025, at WeWork in Seattle, WA that included virtual participants using Webex audio and web conferencing.

1. Agenda Item #1- Call to Order: Welcome / Opening Remarks/ Introductions  
Jim Williams, co-chair called the meeting to order and stated the purpose for today's plenary through a review of the published and proposed agendas.
  1. Went around the room and phone with introductions, where each participant stated their name and organizational affiliation.
    - i. There were 8 participants in person and ~40 online.
  2. Jim gave an overview of the SC-228 leadership team.
2. Agenda Item #2- Review RTCA meeting guidelines.
  1. Rebecca Morrison, RTCA Program Director, welcomed everyone and introduced the new policy slides and the new RTCA logo.
  2. Rebecca reviewed the Anti-Trust Policy, the Export Compliance Policy, the Intellectual Property Policy, the Proprietary Information Policy and the RTCA Committee Participation Membership Policy.
  3. Rebecca also briefed meeting tips to ensure a successful virtual meeting.
  4. Rebecca then briefed the online self-rostering feature. Thank you to all who self-rostered!
3. Agenda Item #3- Review and Approve the agenda.
  1. No walk on agenda items.
4. Agenda Item #4 - Approve meeting minutes from Plenary Meeting #45
  1. Holly Hughes, SC-228 secretary, stated no further comments were received for update/revision.
  2. Holly Hughes moved to approve the minutes. Andrew Videmsek seconded. No objections, minutes approved.
5. Agenda Item #5 – Presentation from EUROCAE WG-105
  1. Maurizio Goiak presented for WG-105
  2. WG-105 activities include DAA, C3, Spectrum & Security, UTM/U-space, Design & Airworthiness, Enhanced Automation, & SORA – Enhanced Automation is inactive
  3. SG-1 DAA – 4 activities:
    - i. ED-329 MOPS DAA A-G IFR
    - ii. ED-330 MOPS DAA VERY LOW LEVEL (VLL)



- iii. DP010 MOPS DAA RADAR A-G IFR
- iv. DP011 MOPS DAA EO/IR A-G IFR
- 4. SG-2 C3 & Security:
  - i. DP002: ED-340 MOPS C2 by Cellular Network
  - ii. DP003: ED-265 MOPS C2 in C-BAND
  - iii. DP008: European Stakeholders report on DO-377 MASPS
- 5. SG-3 UTM:
  - i. DP010: Technical standard interface between UAS operator and NIS
  - ii. DP012: Internal Report on U-Space scenarios and use cases
  - iii. DP014: ED-339 NID data exchange ICD for indirect exchanges between USSP/USSP/Authorized Users
  - iv. DP016: OSED on Flight Authorization services
  - v. DP015: UAS Flight Authorization indirect exchange ICD
  - vi. Update to ED-318 Tech Specs for Geographical Zones and U-Space data provision and exchange
- 6. SG4 Design and Airworthiness
  - i. ED-325 vol 2 Guidance document to support the development of MoC for EASA Special Condition Light-UAS – Medium Risk
  - ii. ED-311 MOPS for Command Unit Core Layer of UAS to be operated in the EASA certified category of operations
- 7. SG-6 SORA
  - i. DP007: ED-301A – Use of multi GNSS – medium risk (SAIL III and IV)
  - ii. DP009: ED-341 - Guidance for non-design related OSOs (– medium risk (SAIL III and IV)
  - iii. DP010: ED-336A Guideline for SAIL II Application of SORA
- 8. Questions: No questions in the room or online
- 6. Agenda Item #6.1 – WG-1 Update
  - 1. Aaron Mayne presented the update for WG-1.
  - 2. High level summary:
    - i. DO-365C to D revision
      - 1. On track for FRAC later this year, targeted release in March 2026
    - ii. Surface Hazard Avoidance MASPS (WG1.10)
      - 1. Agreement to use cases and underlying functions for OSA
      - 2. Plan for completing OPA this year
      - 3. Request for support from interested parties – reach out to Andrew Videmsek and/or Martin Kearney-Fischer
    - iii. ACAS Xr Human in the Loop Simulations report out
      - 1. Completed and results briefed
      - 2. Covered non-cooperative symbology and operations from rev C Change





2. They are working MASPS for automatic taxi operations – projected publication December 2026.
  3. Documents will be uploaded to AerOpus by the second week of August.
  4. Functional requirements:
    - i. In early draft
  5. Operational Performance Analysis:
    - i. Reviewed outline
    - ii. Received agreement on the outline and content plan
    - iii. OPA analysis for next steps
9. Agenda Item #7 – GAR Report:
1. FAA addressing changes to regulatory structure for UAS implementation
  2. BVLOS NPRM is subject of EO
    - i. Part 108 NUBO (Normalization of UAS BVLOS Ops)
    - ii. Part 146 Third-party service provider (GCS, C2CSP)
  3. GA-ASI active application for TSOA on TSO-C211/TSO-C212 with WCB (AIR-777)
  4. FAA internal comment period on TSO-C211a, TSO-C212a closes on Aug 15<sup>th</sup>
  5. TSO-C213a integral part of 47 CFR Part 88 approval (FCC Report and Order)
  6. uAvionix TSO-C213a engagement with Chicago ACO
  7. First applicant invoking DO-400
10. Agenda Item #8 - Schedule review
1. Holly Hughes presented the most recently approved TOR schedule and discussed the latest proposed schedule.
11. Agenda Item #9 – New Business
1. Ravi Jain requested the possible creation of a MOPS for network-based C-Band airborne radio equipment.
    - i. Jim stated that it’s an IOU for the future, but too much uncertainty at this time.
    - ii. PMC action is required to do a call for interest.
      1. Right now, we are struggling to get support to develop the documents that are in the current TOR. There is no consensus to ask PMC to add this task to the TOR. We also need concrete scope for the document.
    - iii. Ravi to discuss strategy with Rebecca offline.
12. Agenda Item #10 – Upcoming Meetings
1. October 7-10 at RTCA in Washington D.C.
13. Agenda Item #11- Adjourn
1. Rose Merchant-Bennett moved to adjourn; Andrew Videmsek seconded.
  2. Jim Williams thanked the group and adjourned the meeting at 11:15 AM PDT.



### SC-228 Leadership

Jim Williams	SC-228 Co-Chair	Aura Network Systems
Brandon Suarez	SC 228 Co-Chair	Reliable Robotics
Holly Hughes	SC-228 Secretary	Collins Aerospace
Rebecca Morrison	SC-228 Program Director	RTCA
Don Walker	SC-228 WG1 for DAA, Co-Group Lead	A3 by Airbus
Fabrice Kunzi	SC-228 WG1 for DAA, Co-Group Lead	Avidyne
Aaron Mayne	SC-228 WG1 for DAA, Secretary	Boeing
Steve Van Trees	SC-228 GAR, WG2 for C2, Co-Group Lead	FAA, AIR-130
Amelia Mahan	SC-228 WG2 for C2, Co-Group Lead	Amazon Prime Air
Jenny Ledford	SC-228 WG2 for C2, Secretary	FAA
Joel Wichgers	SC-228 WG4 for Navigation, Co-Group Lead	Collins Aerospace
Andrew Videmsek	SC-228 WG4 for Navigation, Co-Group Lead	Reliable Robotics
TBD	SC-228 WG4 for Navigation, Secretary	