



RTCA Paper No. 219-24/SC214-168  
 EUR 271-24 / WG78-73

September 9, 2024  
 St Denis & Washington

<p><b>EUROCAE WG-78 Plenary # 42 / RTCA SC-214 Plenary # 52</b>  <b>“Standards for Air Traffic Data Communication Services” - Minutes</b></p>
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<b>Date</b>	<b>August 7, 2024</b>
<b>Place</b>	<b>Virtual</b>
<b>Hosted by</b>	<b>Webex</b>

**Meeting Summary:**

The joint plenary of RTCA Special Committee 214 (SC-214) (#52) and EUROCAE Working Group 78 (WG-78) (#42) was held on August 7<sup>th</sup>, 2024. The meeting was conducted as virtual meeting via WebEx with the following attendees participating.

<b>Name</b>	<b>Company</b>
Claire Robinson (Co-chair)	Universal Avionics
Luc Emberger (Co-chair)	Airbus
Rochelle Perera (Secretary)	Boeing
Alex Engel	EUROCAE
Brandi Teel	RTCA
Adam Sarhage	Garmin
Wendy Gutierrez	Collins
Moin Abulhosn	FAA
Richard Kynard	Garmin
Mark Patterson	FAA
Name	Company
Peter Muraca	FAA
Arndt Suendermann	DFS
Thomas Mustach	FAA
Clint Melton	Textron Aviation
Dung Nguyen	Boeing
Heman Sheth	Universal Avionics
Wes Google	American Airlines

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## 1. Welcome, Introductions and Administrative Remarks

The joint 52<sup>nd</sup> Plenary of SC-214 / 42<sup>nd</sup> Plenary of WG-78 was convened August 7<sup>th</sup>, 2024 at 11:00am EDT by Chairs Claire Robinson (Universal Avionics) and Luc Emberger (Airbus). Welcoming remarks were made, followed by each attendee introducing themselves. RTCA anti-trust statement, proprietary policy and membership policy were read by Brandi Teel (RTCA). Alex Engel (EUROCAE) presented the EUROCAE IPR policy, participation policy, and the GDPR privacy policy.

## 2. Agenda, Meeting Minutes and Action Item Review

The meeting had one agenda item which was to agree on submitting the proposed DO-353B/ED-231B Change 1 for FRAC/OC.

Rochelle Perera (Boeing) reviewed the meeting minutes from SC-214 Plenary #51/WG-78 Plenary #41. Minutes were approved as written.

Luc Emberger (Airbus) noted that at the previous plenary there was an action item for Airbus to confer with Oceanic ATSUs regarding how Along Track Waypoints (ATWs) would be downlinked. Airbus has reached out to oceanic centers who agreed with the Airbus proposal. This action will be formally closed during the next plenary.

## 3. DO-353B/ED-231B Change 1 Summary of Proposed Changes

Claire Robinson (Universal) went over the proposed changes in the RTCA template.

Change Description
Update DistanceSpecifiedRBDirectionSideB parameter "DistanceSpecifiedR" to "DistanceSpecifiedRB"
Update IMTrafficAircraftRouting from "SEQUENCE" to "CHOICE"
Updated parameters in IMGoalTypeIdentPlanCancelPointO and IMGoalTypeIdentRouting from "traffic-d" to "traffic-id"
Corrected the wording in uM265, uM340, and uM341 from "CONSTRAINT FOR" to "RESTRICTION AT"
Corrected wording in uM293 from "MAINTAIN TIME CONSTRAINT" to "MAINTAIN TIME RESTRICTION"
Corrected wording in uM321 from "CONFIRM [transfer constraints] [unit nameR]" to "REPORT VIA VOICE [transfer constraints] TO [unit nameR]"
Removed "ON" from uM391 wording
Updated the alert attributes from "M" to "N" in uM160, uM271, uM233R, AND dM146
Added optional marking for "IM Traffic identification" in uM401 and uM403

Removed extraneous “/” character in uM100R and uM101R
Updated the unit, range, and resolution for Temperature to be "--unit = Degree Celsius, Range = (-100..100), resolution = 1
Updated the unit description in DegreesMagnetic and DegreesTrue to be a capital D
In DirectionNumberOfDegrees and Direction, replace "B2 rev B" with B2 Rev A"
In PositionATWDistanceSpecifiedRDirectionSide, added the word "compatibility" to the comment
Updated the comment for LegDistanceMetricR to reflect a range of "0.1 to 128.0"
Updated the comment for CPDLC V3 to include “Rev A”
Removed a duplicate comment “—Reserved”
Removed "Null" from UM174B
Updated the uM248 comment to use a “,” instead of a “.”

The group agreed to these changes and Claire Robinson (Universal) noted that the proposed ASN1 changes had been run successfully through compilers and will also be run again prior to final publication of changes. The group agreed to allow Alex Engel (EUROCAE) to put the agreed to change proposals into the EUROCAE template offline.

The group approved these changes to be submitted to FRAC/OC.

#### 4. FRAC/OC Schedule Discussion

Alex Engel (EUROCAE) discussed a delay for the EUROCAE OC process. The EUROCAE IT system is scheduled to be unavailable 05 September 2024 through 15 September 2024.

The originally planned schedule had the following dates:

- SC-214/WG-78 Plenary 07 August 2024: Approval for FRAC/OC
- 08 August 2024 > 22 September 2024: FRAC/OC
- 23 September 2024 > 14 October 2024: Comment Resolution Preparation
- 15 October 2024 > 18 October 2024: Plenary Meeting Cedar Rapids > Approval PMC/Council
- Not later than 12 November 2024: Submission to PMC/Council
- PMC/Council Approval 12 December 2024

This would result in the RTCA FRAC process launching right away. The next plenary in Cedar Rapids (in October 2024) would be utilized for FRAC comment resolution. However, as

EUROCAE comments will not be available, the group cannot agree to submit the final document at that time. Instead, once the FRAC comments have been resolved, another virtual plenary will be scheduled in to resolve OC comments.

With this revised plan, the following schedule was proposed:

- SC-214/WG-78 Plenary 07 August 2024: Approval for FRAC/OC
- RTCA Process:
  - 08 August 2024 > 22 September 2024: FRAC (45 Days)
  - 23 September 2024 > 14 October 2024: Comment Resolution Preparation  
FRAC Comments
  - 15 October 2024 > 18 October 2024: Plenary Meeting Cedar Rapids  
Comment Resolution FRAC Comments
  - No submission to PMC
- EUROCAE Process
  - 16 September 2024 > 31 October 2024: OC (45 Days)
  - 01 November 2024 > 04 November 2024: Comment Resolution Preparation  
OC Comments
  - 04 November 2024: Virtual Plenary Comment Resolution OC Comments
- 04 November 2024: Virtual Plenary: approval for submission to PMC/Council
- Not later than 12 November 2024: Submission to PMC
- PMC/Council Approval: 12 December 2024

The group discussed and agreed to move forward with the proposed schedule change. FRAC would start immediately followed by OC starting September 16<sup>th</sup>, 2025. The group agreed to hold a virtual plenary on November 4<sup>th</sup>, 2024 to resolve OC comments.

WG-78 Members would also encourage comments to be submitted in the RTCA format to allow for streamlining comment resolution.

## **5. Any Other Business**

No other business was discussed.

## **6. Upcoming Schedule (Plenary)**

- October 15-18, Plenary, Cedar Rapids, Iowa
- November 4<sup>th</sup>, Plenary, Virtual

## **7. Adjourn**

The meeting was adjourned on August 7<sup>th</sup>, 2024 at 12:00pm EDT. All documents and presentation material reviewed during the Plenary have been uploaded and are available in the applicable RTCA AerOpus documents folder.

Rochelle Perera  
Secretary, SC-214

**CERTIFIED** as a true and accurate summary of the meeting.

Claire Robinson  
Chair, SC-214

Luc Emberger  
Chair, WG-78