

**SEVENTH MEETING**  
**RTCA Special Committee 209 in Joint Plenary Session with EUROCAE WG-49**  
**ATCRBS/Mode S Transponder MOPS Maintenance**  
**20 – 24 August, 2007**

**TIME:** 10:00am to 5:00pm on Monday, 20 August 2007,  
 9:00am to 5:00pm on 21 – 24 August 2007

**PLACE:** Eurocontrol Headquarters, Brussels Belgium, Sirius Conference Room  
**Host Contact:** Eric Potier (P) +322-729 3504, (E) [eric.potier@eurocontrol.int](mailto:eric.potier@eurocontrol.int)  
**Secretary Contact:** Gary Furr (P) 609-485-4254, (E) [gary.ctr.furr@faa.gov](mailto:gary.ctr.furr@faa.gov)

*Agenda*

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|----|--|---|
| 1. | Host/Co-Chairs Welcome, Introductions and Remarks  | Pagano/Saffell<br>Herve/Bowen   |
| 2. | Review and Approval of the Agenda (SC209-WP07-01)  | All   |
| 3. | Review and Approval of the Minutes from SC-209 WG #1, Mtg #2 (SC209-WP07-02)   | All   |
| 4. | Review and Approval of the Minutes from WG-49 Meeting #10 and Prep-Meeting (WG49N11-02, WG49N11-02a)   | All   |
| 5. | Summary of the Status of EUROCAE WG-49 Activities  | Herve   |
| 6. | Summary of the Status of RTCA SC-209 Activities  | Pagano  |
| 7. | Discussion on harmonization of DO-181/ED-73 document organization<br>(a). Organization of the Appendices (WG49N11-11)<br>(b). ED-73C, Chapter 3 Reorganization (WG49N11-12)  | Herve   |
| 8. | Review of Final Proposal for TCAS Version Numbering and 735B Comments<br>(a). Mallwitz/Saffell Comments to AEEC (SC209-WP07-15)  | Mallwitz/Saffell  |
| 9. | Discussion of Issues related to potential changes in DO-181/ED-73<br>Base Documents (DO-181D_v1.0=SC209-WP07-07, WP07-10, WP07-11, WP07-12, WP07-13)<br>(ED-73C=WG49N11-04a, WG49N11-14, WG49N11-17, WG49N11-18)<br>(a). Proposed Requirement for S1 P1 Detection (SC209-WP07-03)<br>(b). Numerical Representation of Data (SC209-WP07-04)<br>(c). Proposed Changes to DO-181D, Appendix B (SC209-WP07-16 & 17)<br>(d). Proposed Changes to ED-73C, §5.4.2.2 for RF Peak Power Output (WG49N11-05)<br>(e). Proposed Change to §5.4.2.5.5 for Reply Rate Capability (WG49N11-06)<br>(f). Proposed Change to §5.4.4 for Side Lobe Suppression (WG49N11-07)<br>(g). Proposed Removal of Editorial Notes (WG49N11-08)<br>(h). More Proposed Changes to Section 2.2 Requirements (SC209-WP07-19)<br>(i). Proposed Additions for the Event-Driven Squitter (SC209-WP07-20)<br>(j). Differences potentially impacting ED-73 (WG49N11-09, SC209-WP07-06)<br>(k). Differences potentially impacting DO-181 (WG49N11-10) | Walker/Osman<br>Furr<br>Furr/Leone<br>All<br>All<br>All<br>Rose<br>Bayh<br>Bayh<br>All<br>All |

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| 10. | Discussion of Potential Changes in Comm-B Protocol Requirements and Tests<br>(a). Previously submitted Working Papers ( <b>ModeS-WP01-05, ModeS-WP01-06</b> )<br>(b). Proposed Corrections to Figure 2-19 ( <b>SC209-WP07-18</b> )                   | Van Dongen<br>Saffell             |
| 11. | Discuss the Harmonization of ELS and EHS Requirements and Test Procedures  | All                               |
| 12. | Review of SARPs changes that have resulted in potential changes to both MOPS<br>(a). List of SARPs CPs going into Annex 10 Amendment 82 ( <b>SC209-WP07-05</b> )<br>(b). Higher Squitter Rates at Low Power for DF=19 ( <b>SC209-WP07-14</b> )       | All<br>Furr<br>Clarke             |
| 13. | Discuss the Environmental Test Philosophies between DO-181D & ED-73C<br>(a). WG-49 Agreed upon Reorganization of ED-73C, Chapter 4<br>( <b>WG49N11-15 &amp; SC209-WP07-21</b> )<br>(b). WG-49 Proposed Environmental Test List ( <b>WG49N11-16</b> ) | All<br><br>Ruault/Osman<br>Herve  |
| 14. | NTSB Recommendation Regarding Standby Mode Indication for TCAS/ACAS and Transponder ( <b>SC209-WP07-08 &amp; WG49N11-13</b> )  | All                               |
| 15. | Summary of “Airborne Monitoring Results” from CASCADE Program Office (Scheduled for Thursday, 23 August @ 1:00pm)  | Alex Wandels<br>Jorg Steinleitner |
| 16. | Status of the ED-73B/DO-181C Requirements Comparison data base<br>a. ( <b>SC209-WP07-__</b> )  | Thedford/Fisher                   |
| 17. | Discussion on the Status of the update of the ATCRBS MOPS (DO-144) ( <b>SC209-WP07-__</b> ) –  | Pagano                            |
| 18. | Review of Identified Open Issues in DO-181D ( <b>SC209-WP07-09</b> )   | Furr                              |
| 19. | Review Status of Action Items and Joint Plenary Agreements   | All                               |
| 20. | Date, Place and Time of Future Meetings  | All                               |
| 21. | Discussion of any Agenda topics for the Next Meeting(s)  | All                               |
| 22. | Other Business   | All                               |
| 23. | Adjournment  |                                   |

<b>Tentative Discussion Schedule</b>					
	<b>Meeting Date</b>				
	<b>Monday 20 Aug</b>	<b>Tuesday 21 Aug</b>	<b>Wednesday 22 Aug</b>	<b>Thursday 23 Aug</b>	<b>Friday 24 Aug</b>
<b>Agenda Items</b>				#15, 1:00pm	