

**RTCA SC-186 Working Group 6
Summary of Meeting #18
Held as a Teleconference and WebEx Session
For The Maintenance of the ADS-B & ASA MASPS**

The 18th meeting of RTCA SC-186 Working Group 6, for the maintenance of the ADS-B and ASA MASPS documents, referenced herein as Meeting #18, was called to order by WG-6 Co-Chair, Dean Miller of Boeing at about 9:00am EDT on 21 October 2010. Mr. Miller welcomed all attendees and asked that each attendee introduce themselves and their organization. The attendees for all or part of the meeting included the following:

Randy DeAngelis, Opus Technology (FAA AFS-400)	Bob Pilley
Jim Duke, SAIC	Stuart Searight, FAA ATO-P FAATC, AJP-652
John Fisher, FAA AIR-130	Charles Sloane, FAA AIR-130
Gary Furr, Engility Corp., FAATC-AJP-653	Peter Stassen, Mitre
Stan Jones, Mitre	Rob Strain, Mitre
Larry Kenney, Raytheon	Jorg Steinleitner, Eurocontrol (phone)
Dean Miller, Boeing	Don Walker, FAA, AIR-130
Tom Pagano, FAA, ATO-P FAATC – AJP-653	

1. Agenda Item #1

- 1.1 During the opening remarks from Dean Miller, he related to the Working Group that Jonathan Hammer has announced that he will be stepping down from the position of Secretary of RTCA SC-186, and also as the Co-Chair of Working Group 6. There was a request from Dean Miller to Rocky Stone to hold a Teleconference and WebEx session of RTCA SC-186 Leadership to discuss the issues that were not resolved during the SC-186/WG-51 Plenary on 24 September 2010. Dean indicates that an additional agenda item for that discussion will be the filling of the position of Co-Chair of Working Group 6.

Dean also took this opportunity to begin a discussion related to the actual presentation that was given to the SC-186/WG-51 Plenary as a recap to the Working Group of the issues that were still un-resolved. The Plenary presentation was displayed as [Working Paper WG6-WP18-04](#) and Dean stepped through it identifying the issues to be resolved. These briefly included the questions as to whether the ADS-B IN Systems Requirements section should include information on (a) Conflict Detection (CD), (b) Final Approach and Runway Occupancy Awareness (FAROA), (c) Surface Indicating and Alerting (SURF-IA), and/or (d) Ground-Based Interval Management (GIM). Dean also discussed an open issue as to whether or not to include sections in the Super MASPS on TIS-B and/or ADS-R.

2. Agenda Item #2

- 2.1 The Agenda for the Teleconference and WebEx Session was distributed and posted as [Working Paper WG6-WP18-01](#). Gary displayed the Agenda for the Meeting via the WebEx internet session and there were no additions or modifications to the Agenda as posted.

3. Agenda Item #3

- 3.1 The Meeting Attendees were asked if there were any comments with regard to the content of the Summary of the WG-6 Meeting #17, held on 8 – 10 September 2010 at the facilities of Boeing in Rosslyn Virginia, and published for this meeting as [Working Paper WG6-WP18-02](#). There were no comments and the Minutes of Meeting #17 were accepted as published.

4. Under Agenda Item #4, the Meeting reviewed and discussed the Working Papers that make proposals on issues related to the Action Items taken during previous meetings. There was only one Working Paper presented during this Teleconference as a resolution to an Action Item. Other Action Items were completed by Jonathan Hammer and Stuart Searight by providing the sources for Figures published in DO-242A and DO-289.

- 4.1 Gary Furr began the discussion of Agenda Item 4a with the introduction of [Working Paper WG6-WP18-03](#), which is in response to Action Item 17-07. During Meeting #17, the Working Group agreed to prepare a matrix of requirements text for both MASPS documents in an effort to retain traceability of each requirement as the two documents were modified and merged. This Working Paper was presented to the Working Group to show that a matrix has been generated for both MASPS documents. Gary thanked Dr. Bill Thedford for the assistance that he gave in the creation of the matrices presented in this Working Paper.

Gary pointed out that during the creation of each requirements matrix for the respective document, there were several requirements that were discovered as not having previously been given a tracking number in the published documents. These “orphan” requirements were given a unique number and letter to maintain traceability during the remainder of this process. Also, as discussed in previous meetings and shown most recently in [Working Paper WG6-WP17-04](#), Gary has edited working drafts of both MASPS documents to include all of the changes that were identified during the development of the ADS-B MOPS documents during 2009, and as published in December 2009 as DO-260B and DO-282B. This editing process resulted in the deletion of numerous requirements and the addition of other requirements. Each of the deleted requirements have been carried forward into the traceability matrices and shown as red strikethrough text. The added requirements were given a unique number and/or letter for traceability throughout the process.

5. Agenda Item #5 contained no numbered Working Papers for discussion during this Teleconference. However, Dean Miller asked to display the proposed table of contents of the new combined MASPS, which was displayed in [Working Paper WG6-WP17-07R1](#). Dean referenced the new Section two (2), where he had accepted responsibility for combining the elements of the two MASPS. Dean then showed the Working Group Members the progress that he is making on the Section 2 of the combined Super MASPS. Dean indicated that what he was showing was a really rough draft and that he hoped to have it in better condition for review during the November meeting at RTCA.

6. Agenda Item #6

6.1 The Meeting Attendees discussed the proposed future meeting dates that were agreed to during Meeting #17. *After Meeting #17, there were attempts to convene the Teleconference of SC-186 Leadership to discuss the open issues briefed by Dean Miller to the SC-186/WG-51 Plenary on 24 September. This proposed Teleconference was postponed from its original time, and thus, it was discussed and agreed that the proposed face-to-face meeting of WG-6 proposed for 9-10 November at RTCA would be cancelled and a Teleconference and WebEx would be held instead.* This caused all of the future meetings that had previously been agreed to by WG-6 Members to be altered with the following proposed schedule:

Meeting	Dates/Time	Meeting Location
#19	10 November 2010	Teleconference/WebEx starting at 9:00am EST
#20	14 – 16 December 2010	RTCA in Washington DC
#21	19 January 2011	Teleconference/WebEx starting at 9:00am EST
#22	23 – 25 February 2011	Washington DC (23-24 at either RTCA or SAIC) <i>SC-186/WG-51 Plenary on 25 February 2011 at RTCA</i>

Depending on the meeting activity of other SC-186 Working Groups and the RFG on 23 and 24 February, the WG-6 meeting will be held either at RTCA, or possibly SAIC in Washington DC, to be determined as more information becomes available.

7. The following is a summary of all of the Open Action Items accepted during Meeting #17. No new Action Items were assigned or accepted during the Teleconference.

Action Number	Open Action Item Descriptions	Assigned to	Status
17-01	Review section 3.2 of DO-289 and the TIS-B MASPS with the objective of identifying conflicts. Due for October Telecon	Mike Garcia	
17-02	Request that the Ground-Based Interval Management group come to WG-6 with a presentation. Due for October Telecon	Dean Miller	
17-03	Prepare a presentation to summarize the FIM-S Con Ops. Due for October Telecon	Taji Shafaat	
17-04	Review IP11-ASA regarding TQL	Dean Miller	
17-05	Dig up the source for all or most of the Figures in DO-289 and forward them to Gary.	Jonathan Hammer	Completed Closed
17-06	Dig up the source for all or most of the Figures in DO-242A and forward them to Gary.	Stuart Searight Gary Furr	Completed Closed
17-07	Create a matrix of all numbered requirements in both DO-242B and DO-289A prior to sending those files to the respective members that have agreed to review and edit specific sections.	Gary Furr	See WP18-03

8. The **Working Papers** for the reconvened SC-186 WG-6 Meetings, as well as the Meeting Agendas, Meeting Minutes, Action Items, Meeting Schedules and proposed draft modifications to the ADS-B and ASA MASPS will be posted on the new RTCA Workspace environment. For the time being, all of the previously identified elements will also continue to be posted on the web site maintained at the FAA Technical Center at:

<http://adsb.tc.faa.gov/WG6.htm>