

**RTCA SC-186 Working Group 6**  
**Summary of Meeting #17**  
**Held at the Facilities of Boeing in Rosslyn Virginia**  
**For The Maintenance of the ADS-B & ASA MASPS**

The seventeenth meeting of the reconvened RTCA SC-186 Working Group 6, for the maintenance of the ADS-B and ASA MASPS documents, referenced herein as Meeting #17 was called to order by WG-6 Co-Chair, Dean Miller of Boeing at about 9:00am EDT on 14 September 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:

Larry Bachman, Regulus	Larry Kenney, Raytheon
Randy DeAngelis, Opus Technology (FAA AFS-400)	Dean Miller, Boeing
Jim Duke, SAIC	Tom Pagano, FAA, ATO-P FAATC – AJP-653
Gary Furr, Engility Corp., FAATC–AJP-653	Bob Pilley
Mike Garcia, ITT	Mark Reed, ALPA
Jonathan Hammer, Mitre	Taji Shafaat, Boeing
Rudy Johnson, L-3 / ACSS	Jorg Steinleitner, Eurocontrol (phone)
Stan Jones, Mitre	Don Walker, FAA, AIR-130

1. Agenda Item #1

- 1.1 There were no specific remarks from the WG-6 Co-Chairs during the introduction portion. Gary Furr gave a short presentation to the attending members on the lunch facilities near the Boeing building in downtown Rosslyn Virginia.

2. Agenda Item #2

- 2.1 Gary Furr indicated that the Agenda for the Meeting was displayed via the WebEx internet session. Dean Miller offered a new Working Paper which had not previously been identified on the Agenda, and it was numbered as WP17-08 and became Agenda Item 5f. The Agenda was revised and accepted as published as [Working Paper WG6-WP17-01R1](#).

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 Teleconference identified as Meeting #16, held on 29 July 2010 and published for this meeting as [Working Paper WG6-WP17-02](#). There were no comments and the Minutes of the Teleconference 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 combining of the ADS-B and ASA MASPS. Working Papers in Agenda Item #4 were taken in no particular order. The summaries below simply represent the summaries at the time of their presentation.

4.1 Gary Furr began the discussion of Agenda Item 4a with the introduction of Working Paper WG6-WP17-03, which is the summary of those Issue Papers (IP) that remained in a status other than “Open” and those that went into the discussions that resulted in the publication of the ADS-B Version 2 MOPS documents (DO-260B and DO-282B). This Working Paper is basically the same as the one presented by Gary during Meeting #16, but is presented here again because Stuart Searight had indicated during the Meeting #16 Teleconference that he thought that the Working Group should review in more detail each of the Open IPs and ensure that there was no additional work that needed to go into the development of the new MASPS before applying a Status of “Closed.” Each of the Issue Papers in WP17-03 were reviewed and discussed and the Meeting agreed on the Status to be applied. Updates were applied to the Status of each IP during the Meeting, and resulted in the production of [Working Paper WG6-WP17-03R1](#). Each of the reviewed and revised Issue Papers will be updated by Gary Furr and reposted to the FAA Technical Center archive.

A complete listing of all individual Issue Papers can still be found on the web site maintained at the FAA Technical Center, located at:

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

4.2 The Meeting continued with the discussion of Agenda Item 4b with the introduction of [Working Paper WG6-WP17-04](#), which is a working draft of DO-242B with the changes inserted in “Track Changes” mode accounting for those changes that have been identified in the Issue Papers summarized in Working Paper WG6-WP16-03. All of the changes inserted into the working draft have been accounted for from the changes in the Issue Papers as well as those identified in “Change 1 to DO-242A.” During the review of WP17-04 the Working Group agreed that we should create a matrix of all of the numbered requirements in both DO-242B and DO-289 in order to be able to indicate to the SC-186 Plenary how each requirement was dealt with in the new Super MASPS. Gary Furr accepted **Action Item 17-07** to prepare the initial matrix for tracking the numbered requirements in each document.

4.3 Gary Furr initially created, and Don Walker commented on, Working Paper WG6-WP17-05 which is presented in Agenda Item 4c. This Working Paper presents a list of Issue Papers that were created during the development of either, or both of the ASA MASPS (DO-289) and the ASSAP MOPS (DO-317) and maintained for WG-4 on the FAA Technical Center web site. The Working Group stepped through each of the Issue Papers identified in WP17-05 and a decision was made on the status of each of them. These decisions were recorded in [Working Paper WG6-WP17-05R1](#). Each of the reviewed and revised Issue Papers will be updated by Gary Furr and reposted to the FAA Technical Center archive.

4.4 Don Walker continued with the discussion of Agenda Item 4d with the introduction of [Working Paper WG6-WP17-06](#), which is a report originally given to the ARC

regarding the current and future plans for the ADS-B Applications document DO-317A. Don indicates that he is updating the TSO now to include an Appendix which proposes changes to DO-317. The actual work of updating DO-317 is planned to go to FRAC in 2Q 2011 and at that time, the TSO will be revised again to remove the Appendix and point directly to DO-317A. A further revision to DO-317A to produce DO-317B is currently planned to complete near the end of 2012 and would include the application descriptions for Interval Management (IM) and the Surface Indicating and Alerting (SURF IA).

4.5 Gary Furr continued with the discussion of Agenda Item 4e with the introduction of Working Paper WG6-WP17-07, which represents the high-level tables of contents for both DO-242A and DO-289. This Working Paper was put together by Gary and Tom Pagano as a first step toward looking at a proposed outline of a new MASPS. The recommendation of Gary and Tom was to start with the outline of the DO-242A MASPS and to add/insert sections from DO-289 as necessary in sections 1 through 3 and to dedicate section 4 of the new document to the applications descriptions currently in DO-289. During Working Group discussion, Jonathan Hammer pointed out that he did not agree with this specific approach since ADS-B was only one of the larger set of subsystems that the new document needs to describe. The Meeting viewed several figures in DO-317. The Meeting agreed that the proposed TOC was going to describe all subsystems. Dean Miller suggested that the Working Group accept the basic proposal made by Gary and Tom, and the Working Group agreed and began by taking the Working Paper and started to expand the sections, leading to the production of [Working Paper WG6-WP17-07R1](#), which will include some of the actual agreed upon sections of the new document, as well as assignments accepted by Working Group members for responsibility for specific sections of the new Super MASPS. One issue is that Figure 1-1 of DO-242A will need to be redrawn to assume the combination of MASPS. A question that will be made to the SC-186 Plenary is whether or not to include the TIS-B MASPS inside the new document.

4.6 Dean Miller continued with the discussion of Agenda Item 4f with the introduction of [Working Paper WG6-WP17-08](#), which serves to review a proposed TOC of the two MASPS documents and make recommendations as to the TOC for the new document for the Appendices containing the ADS-B IN Application descriptions. This Working Paper was discussed by the Working Group and it figured in to the assignments that were recorded in Working Paper WG6-WP17-07R1.

## 5. Agenda Item #5

5.1 Cyndy Brown from RTCA joined the Working Group meeting by phone and discussed the basics of the new RTCA Workspace environment tool. Cyndy stepped through a number of functions and indicated that there was some work yet to be done with ensuring that all of the names, companies and email addresses of all committee members were on the Workspace in order for them to become part of the specific Working Group sub-space. The Working group will continue to learn how to use the new tool in the coming weeks and months. For the moment, the Agendas, Working Papers, Action Items and Minutes of Meetings will continue to be posted

on the FAA Technical Center web site, but we will continue to also try to post them on the WG-6 Workspace under SC-186.

6. Agenda Item #6

6.1 The Meeting Attendees discussed the proposed future meeting dates and reviewed possible dates for more meetings and teleconferences. The currently agreed meetings and teleconference/WebEx sessions were as follows:

Meeting	Dates/Time	Meeting Location
#18	21 October 2010	Teleconference/WebEx starting at 9:00am EDT
#19	9 – 10 November 2010	RTCA in Washington DC
#20	15 December 2010	Teleconference/WebEx starting at 9:00am EST
#21	11 – 13 January 2011	Meeting Location TBD
#22	23 February 2011	Teleconference/Webex starting at 9:00am EST

7. The following is a summary of all of the Open Action Items accepted during Meeting #17.

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	<b>Many Provided 9/16/10</b>
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	
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	

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>