

**RTCA SC-186 Working Group 6**  
**Summary of Meeting #20**  
**Including a Teleconference and WebEx Session**  
**For The Maintenance of the ADS-B & ASA MASPS**  
<http://adsb.tc.faa.gov/WG6.htm>

The 20th meeting of RTCA SC-186 Working Group 6, for the maintenance of the ADS-B and ASA MASPS documents, referenced herein as Meeting #20, was called to order by WG-6 Co-Chair, Dean Miller of Boeing shortly after 9:00am EST on 14 December 2010 at the Headquarters of RTCA in Washington DC. 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:

Jim Duke, SAIC	Jeff Meyers, FAA ANM-111
Dave Elliott, Mitre	Dean Miller, Boeing
John Fisher, FAA AIR-130	Tom Pagano, FAA, ATO-P FAATC – AJP-653
Gary Furr, Engility Corp., FAATC–AJP-653	Bob Pilley
Michael Garcia, ITT	Mark Reed, ALPA
Stan Jones, Mitre	Peter Stassen, Mitre
Rudy Johnson, L-3/ACSS	Rob Strain, Mitre
Larry Kenney, Raytheon	Don Walker, FAA, AIR-130

1. Agenda Item #1

- 1.1 There were no opening remarks, as Dean Miller proceeded directly to Agenda Item #3 to review the Minutes of the previous meeting/teleconference.

2. Agenda Item #2

- 2.1 There was no draft Agenda posted prior to the meeting, so therefore, the Agenda was updated during the meeting with the additions of Working Papers and posted as [Working Paper WG6-WP20-01](#) after the close of the meeting.

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 #19, held as a Teleconference and WebEx Session on 10 November 2010 and published for this meeting as [Working Paper WG6-WP20-02](#). There were no comments and the Minutes of Meeting #19 were accepted as published. The Action Items in the Meeting Summary were reviewed and it was pointed out that Mike Garcia had responded to the TIS-B question in his action. Mike provided his response and it was reviewed by the Meeting. It was agreed that we need to resolve the issue of whether the new MASPS would have more detailed specifications for TIS-B. WG-6 will need to make a recommendation before we FRAC the new MASPS as to whether or not the existing DO-286B should be removed.

4. Under Agenda Item #4, the Meeting would normally review and discuss the Working Papers that make proposals on issues related to the Action Items taken during previous meetings. The Action Item matrix was displayed and annotated for Action Item 17-01 with a response from Mike Garcia on his review of the TIS-B MASPS. Dean also indicated that he had made an inquiry of the GIM Group to come to discuss the Application with us, and they declined to come to this meeting, but might try to come to the February 2011 meeting.
  
5. Agenda Item #5 contained Working Papers for discussion during this Meeting regarding issues related to the combining of the ADS-B and ASA MASPS, but not specifically in response to an Action Item.
  - 5.1 The Meeting began with the review of Agenda Item 5a as Working Paper WG6-WP20-03 presented by Gary Furr as a revised Table of Contents of the proposed new combined MASPS. Each section was reviewed as whether or not there were participants assigned or volunteered for the writing of these new sections. Rob Strain indicated that he was responsible for attempting to review those sections that Jonathan Hammer had previously agreed to deal with and see what resources in Mitre could be applied to the continuing effort. The Working Paper was updated as it was reviewed and during the course of the meeting to produce [Working Paper WG6-WP20-03R1](#). During the meeting, it was agreed that Dave Elliott of Mitre, will be responsible for the ASAP section, and Peter Stassen of Mitre, will be responsible for the CDTI section. These assignments completed the Action on Rob Strain to look at Jonathan Hammer's sections and apply Mitre resources.
  
  - 5.2 The Meeting continued with the review of Agenda Item 5b as [Working Paper WG6-WP20-04](#) as presented by Dean Miller as part of his agreement to make combinations and revisions to Section 2 of the new combined MASPS. The Meeting stepped through the Working Paper on a detailed basis and made edits as we discussed various sections. The Working Paper was edited a various points in the Meeting as other sections were reviewed and suggestions were made. Since no copy of this Working Paper was posted prior to the Meeting, then the final edited copy was posted after the end of the Meeting.
  
  - 5.3 The Meeting continued with the review of Agenda Item 5c as [Working Paper WG6-WP20-05](#) as presented by Tom Pagano as part of his agreement to make combinations and revisions to Section 3 of the combined MASPS. The Meeting stepped through the Working Paper on a detailed basis and made edits as we discussed various sections. The Working Paper was edited a various points in the Meeting as other sections were reviewed and suggestions were made. Since no copy of this Working Paper was posted prior to the Meeting, then the final edited copy was posted after the end of the Meeting.
  
  - 5.4 The Meeting continued with the review of Agenda Item 5d as [Working Paper WG6-WP20-06](#) as presented by Larry Kenney as part of his agreement to make combinations and revisions to Section 1 of the combined MASPS. The Meeting stepped through the Working Paper on a detailed basis and made edits as we

discussed various sections. The Working Paper was edited a various points in the Meeting as other sections were reviewed and suggestions were made. Since no copy of this Working Paper was posted prior to the Meeting, then the final edited copy was posted after the end of the Meeting.

- 5.5 The Meeting continued with the review of Agenda Item 5e as [Working Paper WG6-WP20-07](#) as presented by Jim Duke as part of a discussion on the Application descriptions in DO-317 versus those defined by the RFG. This Working Paper is a copy of a Working Paper 106-06 from the WG-4 meeting the week of 6 December. This Working Paper contains comments by Jim on the original WG-4 Working Paper. Since no copy of this Working Paper was posted prior to the Meeting, then the final edited copy was posted after the end of the Meeting.
- 5.6 The Meeting continued with the review of Agenda Item 5f as [Working Paper WG6-WP20-08](#) as presented by Jim Duke as part of a comparison of the EVAcq Appliaction with AIRB. WG-6 agreed that this is an issue with impact to the new combined MASPS and ASA MOPS. However, WG-6 did not feel that its tasking included the documentation of a merged OSED for EVAcq and ATSA-AIRB, as the MASPS no longer will contain the application appendices, but will include detailed application SPRs by reference to the SPR documents.

There was discussion on whether the application harmonization should be done in the MOPS Working Group (WG-4) or the application Working Group (WG-1). WG-6 discussed a proposed process from the SC-186 ad-hoc subgroup on future processes for application development, and agreed that this OSED harmonization issue might be served by a process akin to the proposed ad-hoc process: that is, a small group of interested individuals could harmonize the OSED in a short time period while WG-4 could assess the Safety, Performance and Interoperability requirements of the harmonized application, in parallel. This harmonized “Basic Airborne” application would be documented, possibly by revision to DO-319, and referenced in both the ASA MOPS and new combined MASPS.

## 6. Agenda Item #6

- 6.1 The Teleconference Attendees discussed the proposed future meeting dates and the following table indicates the currently agreed upon meeting dates.

Meeting	Dates/Time	Meeting Location
#21	19 January 2011	Teleconference/WebEx starting at 9:00am EST
#22	23 – 25 February 2011	Washington DC (23-24 at either RTCA, Boeing or SAIC) <i>SC-186/WG-51 Plenary on 25 February 2011 at RTCA **</i>
#23	23 March 2011	Teleconference/WebEx starting at 9:00am EDT
#24	3 – 5 May 2011	Washington DC
#25	15 June 2011	Teleconference/WebEx starting at 9:00am EDT
#26	13 – 15 September 2011	Currently proposed as Seattle WA

\*\* 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

SAIC in Washington DC, or possibly at the Boeing facility in Rosslyn VA, 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 <b>Response:</b> <i>After reviewing section 3.2 of DO-289 (ASA MASPS) and DO-286B (TIS-B MASPS). I found that the requirements in the ASA MASPS are an appropriate starting point for modification in the new ASA/ADS-B MASPS document and that the pointers to the TIS-B MASPS can be changed to the SBS Air ICD (once finalized by ITT and published by the FAA). The majority of the requirements in the TIS-B MASPS are duplicative or out-of-date with the SBS system functional/performance descriptions in the SBS Air ICD. Therefore, I recommend that the focus for the new ADS-B/ASA MASPS be on updating the requirements in DO-289 with Ground system description references to the SBS Air ICD and Airborne receiver/processor requirement references to DO-317(A).</i>	Mike Garcia	See Response Closed
17-02	Request that the Ground-Based Interval Management group come to WG-6 with a presentation. <i>Dean extended the offer and the response was that they will try to come to the February 2011 meeting.</i>	Dean Miller	Offer extended 1Q2011
17-03	Prepare a presentation to summarize the FIM-S Con Ops.	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 Closed

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>