

**RTCA SC-186 Working Group 6  
Summary of Meeting #30  
Held as a Teleconference and WebEx Session  
For The Development of the ATSSA MASPS**

The 30th meeting of RTCA SC-186 Working Group 6, for the maintenance, updates and combining of the ADS-B, TIS-B and ASA MASPS into what has become known as the ATSSA MASPS, referenced herein as Meeting #30, was called to order by WG-6 Co-Chair, Dean Miller of Boeing shortly after 9:00am EST on 15 February 2012. All meeting time included an established Teleconference and WebEx Session. The attendees for all or part of the meeting, on the Teleconference and WebEx session, included the following:

John Brown, Boeing	Tom Pagano, FAA, FAATC-ANG-C33
Jim Duke, SAIC	Kurt Schueler, Garmin
Dave Elliott, Mitre	Peter Stassen, Mitre
Gary Furr, Engility Corp., FAATC-ANG-C33	Jorg Steinleitner, Eurocontrol
Larry Kenney, Raytheon	Rob Strain, Mitre
Dean Miller, Boeing	Don Walker, FAA AIR-130

1. Agenda Item #1

- 1.1 Dean Miller thanked participants for participating in the Teleconference and WebEx Session for the purpose of having a quick look review of the comments that have been submitted against the FRAC draft of the ATSSA MASPS.

2. Agenda Item #2

- 2.1 The preliminary Agenda for Meeting #30 was posted on the Meeting #30 web page as Working Paper WG6-WP30-01. Gary displayed the preliminary Agenda for the Working Group review. Gary indicated that the sole purpose of this Meeting was to have a quick look at the consolidated comments posted in Working Paper WP30-05. After the end of the Meeting, a new Working Paper WP30-06 was posted as a proposed rewrite of section 2.2.1.1.6, offered by John Brown of Boeing in order to remove the Non-Concur Comment that he offered.

3. Agenda Item #3

- 3.1 The Minutes of Meeting #29 held at the Hilton Garden Inn at Paine Field in Everett Washington on 14 – 17 November 2011, were posted to the Meeting #30 web page as Working Paper WG6-WP30-02. There was no discussion or questions related to the posted Minutes. The Minutes of Meeting #29 were therefore accepted as published.

4. Agenda Item #4 contained several bulleted items for discussion during this Meeting regarding issues related to the consolidated comments received against the FRAC draft of the ATSSA MASPS. Gary pointed out that WP30-03 was the continuing short version of the Table of Contents that had been carried forward during each Meeting for the purpose of having a quick way to look at and modify the TOC. Working Paper WP30-04 was the actual FRAC draft of the ATSSA MASPS that was distributed by RTCA in mid-December 2011 to all of SC-186, with Line Numbers for referencing comments. Working Paper WP30-05 is the complete set of consolidated comments that were submitted, a total of 400.

4.1 Gary Furr opened WP30-05 and offered a few comments on the distribution of the 400 comments. Gary indicated that he had wanted to create a presentation that summarized the categories into which the comments may have fallen, but did not have sufficient time. At any rate, Gary still indicated that there were numerous comments regarding the WG-6 failure to make all of the appropriate changes after the naming of the MASPS during Meeting #29 in Seattle. Additionally, even though WG-6 indicated in the distribution email that we did not attend to the requests in the ADS-B In ARC Report, there were numerous comments which request that the MASPS be updated to comply with that Report. The complete break down of the comments is as follows:

<b>Companies and/or Individuals</b>	<b>NC</b>	<b>H</b>	<b>M</b>	<b>L</b>	<b>E</b>	<b>Total</b>
Robert Joslin – FAA		4	15	9	4	32
William “Bill” Harman – MIT LL					1	1
Tom Graff				2		2
Garmin International (Schueler, Mosher, Barber, Foley)		25	16	9	12	62
CASCADE (Steinleitner, Valluari, Martensson)		20	33	19	4	76
Boeing (Miller, Shafaat, Brown, Gilbert)	3	14	45	30	42	134
FAA (AIR-130) (Walker, Fisher, Rodriguez)	3	9	12	12	11	47
Jeff Mittleman – MITRE		4	4	6		14
Tom Pagano – FAA		1	5	5	21	32
<b>Total</b>	6	77	130	92	95	400

4.2 The Working Group agreed that it was most important to begin review of the 6 Non-Concur Comments. Since Don Walker had indicated that he had limited time available, it was agreed that we would start by reviewing the NC Comments from AIR-130. The first discussion was on the NC Comment #306 on Table 3-34. In resolution to the NC Comment #306, Don Walker agreed to accept **Action Item 30-01** to draft a *Note* for Table 3-34 to further explain the “Example Applications” row. Additionally, in order to resolve NC Comment #309, Don Walker accepted **Action Item 30-02** to either draft a new *Note*, or revise an existing *Note* for Table 3-35 to also further explain the “Example Applications” row in that Table. Finally, in order to resolve NC Comment #310, Don Walker volunteered John Fisher to accept **Action**

**Item 30-03** to redraw the Figure as necessary and offer it to WG-6 during Meeting #31 in Washington.

- 4.3 The Working Group then turned to review the Non-Concur Comments that were offered by John Brown of Boeing. All three (3) of the NC Comments from John Brown related to Section 2.2.1.1.6 regarding the aircraft needs for delegated separation assurance and sequencing. At the request of Dean Miller, John offered a suggested rewrite of Section 2.2.1.1.6, and Gary posted that proposed rewrite as Working Paper WG6-WP30-06 after the end of the meeting. If the proposed rewrite is implemented into Section 2.2.1.1.6 substantially as-is, then the Non-Concur Comments will have been considered resolved by John Brown.
- 4.4 The Meeting then turned to the review of “High Level” comments offered by John Brown. Comments #149 and #166 were agreed to by the Working Group and implemented by Gary during the discussion into the draft Version 8.0 of the ATSSA MASPS. After discussion on Comment #157, Dean Miller accepted **Action Item 30-04** to review section 2.2.1.1.5 and propose some revisions during Meeting #31 at Washington.
- 4.5 The Meeting then turned to review of “High Level” comments offered by Don Walker. During discussion of Comment #152 regarding section 2.2.1.1.4, it was agreed that Dean Miller and Don Walker would accept **Action Item 30-05** to review section 2.2.1.1.4 and propose some revisions during Meeting #31 at Washington. During discussion on Comment #177, Don indicated that he felt that the velocity accuracies did not correspond to those in the FAA SBS Critical Specification. Tom Pagano accepted **Action Item 30-06** to review draft MASPS Table 2-6 and corresponding numbers in the SBS Critical Spec and make any recommendations for change at Meeting #31 at Washington. During discussion on Comment #194, Don volunteered John Fisher to accept **Action Item 30-07** to redraw Figures 3-4, 3-5 and 3-6 as a possible resolution to his comment. Dean Miller also agreed to copy DO-317A Table 2-1 and suggest somewhere to place it in the MASPS. During discussion on Comment #195, it was agreed that Tom Pagano would accept **Action Item 30-08** to review section 3.1.1.3.1 and potentially remove some or all application references from Equipment Class definitions. During discussion on Comment #198, it was agreed that Tom Pagano and Gary Furr would accept **Action Item 30-09** to review Table 3-1 and propose to remove inappropriate application names. During discussion on Comment #249, it was agreed that Tom Pagano would accept **Action Item 30-10** to review AC20-165 and make a determination as to whether there needs to be a change in the order of selection for vertical rate.

6. Agenda Item #6

6.1 The Meeting Attendees reviewed the proposed future meeting dates and the following table indicates the currently agreed upon meeting and teleconference dates.

Meeting	Dates/Time	Meeting Location
#31	2/28 to 3/1/2012	At NBAA and RTCA to resolve all comments against FRAC copy of the ATSSA MASPS
	20 March 2012	RTCA SC-186 to hold a Plenary for review, discussion and acceptance of the ATTSA MASPS document

7. The following is a summary of all of the Open Action Items.

Action Number	Open Action Item Descriptions	Assigned to	Status
24-02	After review of the TIS-B and ADS-R Services Descriptions in WG-6-WP24-04, it was agreed by the Working Group that Don (now John) and Tom need to have a separate discussion regarding how to take some TIS-B implementation guidelines to the International community through ICAO.	Tom Pagano Don Walker John Fisher	
30-1	In resolution of Comment #306-NC, Don Walker will draft a <i>Note</i> to be tagged to the "Example Applications" row of Table 3-34 for Mtg#31 at RTCA.	Don Walker	
30-2	In resolution of Comment #309-NC, Don Walker will draft a new <i>Note</i> , or revised the existing <i>Note</i> #1, tagged to the "Example Applications" row of Table 3-35 for Mtg#31 at RTCA.	Don Walker	
30-3	In resolution to Comment #310-NC, Don Walker volunteered John Fisher to make revisions to the Figure as necessary in order to remove the NC.	Don Walker John Fisher	
30-4	In potential resolution to Comment #157-H from John Brown, Dean Miller will review the section and make a proposal for revisions during Mtg#31 at RTCA.	Dean Miller	
30-5	In potential resolution to Comment #152-H from Don Walker, Dean and Don will discuss the section and make a proposed revision for Mtg#31 at RTCA.	Dean Miller Don Walker	
30-6	In potential resolution to Comment #177-H from Don Walker, it was agreed that Tom would review the numbers in the SBS Critical Specification for possible modification of the numbers in Table 2-6.	Tom Pagano	
30-7	In potential resolution to Comment #194-H from Don Walker, it was agreed that John Fisher would be assigned to make some revisions to Figures 3-4, 3-5 and 3-6 in this section and Dean Miller would take Table 2-1 from the published DO-317A and propose inserting it into the draft MASPS during Mtg#31 at RTCA.	John Fisher Dean Miller	
30-8	In potential resolution to Comment #195-H from Don Walker, it was agreed that Tom would review this section and make suggestions to potentially remove all application references from the class definitions.	Tom Pagano	
30-9	In potential resolution to Comment #198-H from Don Walker, it was agreed that Tom and Gary would take a deeper look at Table 3-1 and suggest revisions to resolve the comment.	Tom Pagano Gary Furr	

Action Number	Open Action Item Descriptions	Assigned to	Status
30-10	In potential resolution to Comment #249-H from Don Walker, it was agreed that Tom Pagano would check the AC20-165 and make a determination as to whether there needs to be a change in the order of selection for vertical rate.	Tom Pagano	

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>