

CHANGE ISSUE – RTCA/DO-242

# MASPS for ADS-B

## Rev B

Tracking Information (committee secretary only)	
Change Issue Number	75
Submission Date	03/01/09
Status (open/closed/deferred)	OPEN
Last Action Date	09/15/2010

Short Title for Change Issue:	Revisit treatment of Latency to assure consistency with current standards and AC's
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MASPS Document Reference:		Originator Information:	
Entire document (y/n)	no	Name	J. Stuart Searight, FAA
Section number(s)	3.3.3.2	Phone	609-485-5036
Paragraph number(s)		E-mail	Stuart.searight@faa.gov
Table/Figure number(s)		Other	

Proposed Rationale for Consideration (originator should check all that apply):	
<input type="checkbox"/>	Item needed to support of near-term MASPS/MOPS development
X	DO-260()/ED-102 1090 MHz Link MOPS / SARPS
<input type="checkbox"/>	UAT MOPS / SARPS
X	STP/ASAS MOPS
<input type="checkbox"/>	ASA MASPS
X	ADS-B or related TSO's, AC's or other regulatory guidelines
<input type="checkbox"/>	Item needed to support applications that have well defined concept of operation
<input type="checkbox"/>	RTCA OSED / SPR/Interop: (Approved/In Progress)
<input type="checkbox"/>	RFG OSED / SPR/Interop: (Approved/In Progress)
<input type="checkbox"/>	Has supporting analysis, if candidate stressing application
<input type="checkbox"/>	Item needed to support Ground Station Requirements/Specifications
X	Item identified during recent ADS-B development activities and operational evaluations
<input type="checkbox"/>	ADS-B MASPS clarifications and/or correction item
<input type="checkbox"/>	Validation/modification of questioned MASPS requirement item
<input type="checkbox"/>	New requirement item (must be associated with traffic surveillance to support ASAS or ATC Services)
<input type="checkbox"/>	Other: (Explain)

Nature of Issue:	<input type="checkbox"/>	Editorial	<input type="checkbox"/>	Clarity	<input checked="" type="checkbox"/>	Performance	<input type="checkbox"/>	Functional
<u>Issue Description:</u>								
When the ADS-B/ASA MASPS are revised, an examination of current latency requirements as stated in AC's, STP and ADS-B link MOPS, as well as all published application SPR/Interop documents must be completed so that latency is treated consistently in the MASPS with those current standards.								

<u>Originator's proposed resolution if any:</u>
Examine all current ADS-B latency requirements and revise treatment of latency in the MASPS accordingly.
Review DO-260B, Appendix U for a treatment of Total and Uncompensated Latency.

Note: Attach additional sheets to capture supporting discussion with source and date.

**Working Group 6 Deliberations:**

**09/15/2010 – Meeting #17**

The reconvened WG-6 reviewed this Issue Paper and agreed that it should be OPEN until the issue of Latency Requirements is discussed further and resolved in the new combined MASPS.