

MASPS for ADS-B Rev. A

Tracking Information (committee secretary only)	
Change Issue Number	34
Submission Date	05/22/01
Status (open/closed/deferred)	DEFERRED
Last Action Date	2/22/02

Short Title for Change Issue:	Provide standard, data-link-independent, report structure format in the MASPS.
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MASPS Document Reference:		Originator Information:	
Entire document (y/n)		Name	James Maynard
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Proposed Rationale for Consideration (originator should check all that apply):	
<input checked="" type="checkbox"/>	Item needed to support of near-term MASPS/MOPS development
<input checked="" type="checkbox"/>	DO-260/ED-102 1090 MHz Link MOPS Rev A
<input type="checkbox"/>	ASA MASPS
<input checked="" type="checkbox"/>	TIS-B MASPS
<input checked="" type="checkbox"/>	UAT MOPS
<input type="checkbox"/>	Item needed to support applications that have well defined concept of operation
<input type="checkbox"/>	Has complete application description
<input type="checkbox"/>	Has initial validation via operational test/evaluation
<input type="checkbox"/>	Has supporting analysis, if candidate stressing application
<input type="checkbox"/>	Item needed for harmonization with international requirements
<input type="checkbox"/>	Item identified during recent ADS-B development activities and operational evaluations
<input checked="" type="checkbox"/>	MASPS clarifications and correction item
<input type="checkbox"/>	Validation/modification of questioned MASPS requirement item
<input type="checkbox"/>	Military use provision item
<input type="checkbox"/>	New requirement item (must be associated with traffic surveillance to support ASAS)

Nature of Issue:	<input type="checkbox"/> Editorial	<input checked="" type="checkbox"/> Clarity	<input type="checkbox"/> Performance	<input type="checkbox"/> Functional
<u>Issue Description:</u>				
DO-260, the 1090 MHz ADS-B MOPS, suggested a report structure to be used in delivering SV, MS, TCP+1, etc reports to client applications. If such a report structure is called out in the MASPS, it would be easier to develop client applications that can interface to any of the proposed ADS-B data links.				

<u>Originator's proposed resolution if any:</u>
Start with the proposed report data structures in DO-260 and pare them back as necessary to reflect only those report elements called out in the MASPS.

Working Group 6 Deliberations:

May 24, 2001: It was agreed that, while this would be a worthy endeavor and that its benefits diminish if it is done later rather than sooner, this is not a high priority item for the group at this time. Therefore, due to the workload to deliver Revision A to plenary on schedule, it was agreed that while the group would like to address this in revision A, it is a low priority item at this time and might need to be deferred for a later revision.

February 22, 2002: Due to the effort involved in reorganizing the SV and MS reports to resolve Issue paper 33, sufficient time and resources were not able to be used on resolving this Issue Paper for Revision A of the ADS-B MASPS. Therefore, while WG6 feels this would be of benefit for dual equipped aircraft, it was agreed to defer this Issue paper to a future revision of the MASPS.