

CHANGE ISSUE – RTCA/DO-242

MASPS for ADS-B Rev. A

Tracking Information (committee secretary only)	
Change Issue Number	56
Submission Date	2/01/02
Status (open/closed/deferred)	Rev. A – CLOSED
Last Action Date	2/22/02

Short Title for Change Issue:	Request deletion of “Surveillance Support Code” from Mode Status Report.
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MASPS Document Reference:		Originator Information:	
Entire document (y/n)		Name	J. Stuart Searight
Section number(s)		Phone	(609) 485-5036
Paragraph number(s)	3.4.3.2	E-mail	Stuart.Searight@tc.faa.gov
Table/Figure number(s)	Table 3-6	Other	

Proposed Rationale for Consideration (originator should check all that apply):	
<input type="checkbox"/>	Item needed to support of near-term MASPS/MOPS development
	DO-260/ED-102 1090 MHz Link MOPS Rev A
	ASA MASPS
	TIS-B MASPS
	UAT MOPS
<input type="checkbox"/>	Item needed to support applications that have well defined concept of operation
	Has complete application description
	Has initial validation via operational test/evaluation
	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
X	MASPS clarifications and correction item
	Validation/modification of questioned MASPS requirement item
	Military use provision item
	New requirement item (must be associated with traffic surveillance to support ASAS)

Nature of Issue:	<input type="checkbox"/>	Editorial	X	Clarity	<input type="checkbox"/>	Performance	<input type="checkbox"/>	Functional
<u>Issue Description:</u>								
<p>There is no apparent use for the “Surveillance Support Code” field from Mode Status Report. Note 3 of Table 3-6 states that this field is to be used to communicate if the Mode Status has any information unavailable or unreliable. However, all fields for which that might be known have associated validity flags of their own.</p> <p>Therefore, this field should be deleted as a required Mode Status Report element.</p>								

Originator’s proposed resolution if any:
Delete this element from the Mode Status report, and delete any other instances of it throughout the document, including Note 3 of Table 3-6.

Working Group 6 Deliberations:

January 29, 2002: The topic of this Issue Paper was first discussed by WG6 at their January meeting in Seattle during a teleconference with WG5. It was agreed by all in attendance that there was no reason not to delete the “Surveillance Support Code” field from Mode Status Report.

February 22: The Mode Status Report was agreed to by WG6 at their February, 2002 meeting with the “Surveillance Support Code” field deleted.

Working Group 6 Final Resolution:

This field, and all references to are deleted in the draft DO-242A sent to RTCA on March 4, 2002.