

## CHANGE ISSUE – RTCA/DO-242

# MASPS for ADS-B Rev. A

Tracking Information (committee secretary only)	
Change Issue Number	70
Submission Date	04/17/03
Status (open/closed/deferred)	TBD
Last Action Date	04/17/03

Short Title for Change Issue:	IDENT Switch Active Flag
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MASPS Document Reference: DO-242A		Originator Information:	
Entire document (y/n)	N	Name	Gary Furr
Section number(s)	3	Phone	609-485-4254
Paragraph number(s)	3.4.4.10.2	E-mail	<a href="mailto:Gary.furr@titan.com">Gary.furr@titan.com</a>
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Proposed Rationale for Consideration (originator should check all that apply):	
	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
Y	UAT MOPS and SARPS
	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
Y	Item needed for harmonization with international requirements
Y	Item identified during recent ADS-B development activities and operational evaluations
Y	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:		Editorial	Y	Clarity		Performance		Functional
<u>Issue Description:</u>								
<p>Paragraph 3.4.4.10.2 of DO-242A deals with the IDENT Switch Active Flag. The second sentence of this paragraph states that “Initially, the IDENT Switch Active CC code <b>shall</b> (R3.111-A) be ZERO.” During recent discussions during a meeting of the ICAO AMCP WG-C UAT Subgroup for the production of a UAT SARPS, the question was asked ‘how is the IDENT Switch Active Flag set to ZERO when systems are powered up?’ Upon discussion of this topic with several hardware manufacturers, they agree that this sentence should not be a requirement. It was requested by ICAO that this sentence be removed from the IDENT Switch Active Flag requirement paragraph in the UAT SARPS Technical Manual and that it also be removed, or considered to be removed or modified, in the ADS-B MASPS (DO-242A), the UAT MOPS (DO-282) and the revised 1090 MOPS (DO-260A).</p>								

<u>Originator’s proposed resolution if any:</u>
<p>Delete the 2<sup>nd</sup> sentence of §3.4.4.10.2 that reads “Initially, the “IDENT switch active” OM code <b>shall</b> (R3.111-A) be ZERO.”</p>

Working Group 6 Deliberations:

WG6 has not formally reviewed this Issue Paper to date.