

CHANGE ISSUE

ASA MASPS REV -

Tracking Information (committee secretary only)	
Change Issue Number	1
Submission Date	8/01/02
Status (open/closed/deferred)	Withdrawn
Last Action Date	4/23/03

Short Title for Change Issue:	TCAS Platform Usage
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MASPS Document Reference:		Originator Information:	
Entire document (y/n)	n	Name	Greg Stayton
Section number(s)	1.2.2.4	Phone	(623) 445-6891
Paragraph number(s)		E-mail	Greg.Stayton@L-3com.com
Table/Figure number(s)	Fig. 1-1	Other	

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
X	ADS-B MASPS
	TIS-B MASPS
	UAT MOPS
	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
X	Item needed for harmonization with international requirements
X	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:		Editorial		Clarity		Performance	X	Functional
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Issue Description:

TCAS use of ADS-B data requires Hybrid Surveillance. Users decided not to put this into SC147. A forum for this information is needed in a MASPS/MOPS. 1090 Mhz link is now primary link and will result in the use of TCAS for ADS-B apps. We need to be practical instead of philosophical so that these requirements can be documented. For instance, the Mode S MOPS has a TCAS compatibility section in it which has little to do with the Mode S function per se.

Originator's proposed resolution:

Put the ICAO Hybrid Surveillance information into the ASA MASPS and ASSAP MOPS for the case where the TCAS platform is used to gather ADS-B reports.

Working Group 4 Deliberations:

April 22, 2003: This Issue Paper was reviewed and discussed y WG4 at the WG4 meetings held April 22 & 23, 2003 at RTCA, Inc. This Issue Paper was withdrawn by its author, Greg Stayton, with the expectation that SC147 will take up this issue when it reconvenes in the near future.