

CHANGE ISSUE – RTCA/DO-242

MASPS for ADS-B Rev. A

Tracking Information (committee secretary only)	
Change Issue Number	24
Submission Date	2/20/01
Status (open/closed/deferred)	CLOSED
Last Action Date	5/24/01

Short Title for Change Issue:	NAC Functions for Surface Movement Applications
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MASPS Document Reference:		Originator Information:	
Entire document (y/n)		Name	Gary Livack / FAA
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Paragraph number(s)		E-mail	Garret.livack@faa.gov
Table/Figure number(s)		Other	livack@worldnet.att.net

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
X	Item identified during recent ADS-B development activities and operational evaluations
	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	<input type="checkbox"/>	Clarity	<input checked="" type="checkbox"/>	Performance	<input checked="" type="checkbox"/>	Functional
<u>Issue Description:</u> The NAC concept as used by SC-186 may not be to a level of precision needed to support the envisioned (by RTCA SC-193) airport surface applications, for example, detection of an imminent runway incursion / pilot deviation on the airport surface. SC-186 may therefore need to specify additional NAC's. Also, is NUC / NIC also at issue?								

Originator's proposed resolution if any: None submitted.

Working Group 6 Deliberations:

February 28, 2001: This Issue Paper was reviewed by the ad hoc group at their February 2001 meeting. It was agreed to keep this IP OPEN for consideration for inclusion in Revision A. SC-193 will be asked to discuss this Issue Paper at the April meeting in Brussels.

May 24, 2001: This Issue Paper was reviewed by the ad hoc group at their May 2001 meeting. It was suggested that this IP should be rejected, since tighter NAC categories will not be of use due to the uncertainty of aircraft size, as presented in 242A-WP-5-04. It was agreed to CLOSE this IP and incorporate it into IP8, which will be addressed in Revision A.