

RTCA SC-186  
Working Group 6

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Summary

At a meeting of SCRSP Technical Subgroup (TSG) in January, the proposal by Chris Moody in IP-51 was discussed. The proposal is to change the MASPS to allow the use of a temporary 24-bit address for IFR aircraft. SCRSP concluded that this would create communications and surveillance problems. The problems are not associated with any particular ADS-B implementation.

**Reference:** IP-51 Temporary addresses (Chris Moody)

## **Proposal for Temporary 24-bit Addresses**

The TSG were informed that temporary 24-bit addresses for ADS-B transmissions from IFR aircraft have been proposed for inclusion in the RTCA ADS-B MASPS revision. Failure to use a single 24-bit address for all applicable communications and surveillance equipment will create communications and surveillance problems.

For example

(1) the ATN internet address provisions and the CPDLC security provision of ICAO Annex 10 rely on fixed ICAO conformant addresses and

(2) the ADS-B 24-bit address must be the same as the 24-bit address used by the Mode S transponder for acquisition and correlation purposes.