

RTCA Special Committee 186, Working Group 5

ADS-B UAT MOPS Maintenance

RTCA Headquarters, Washington DC
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Proposed Text for Describing Capstone Handling of Mode A Code
In Response to Action Item 23-03

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Summary
This Working Paper addresses Action Item 23-03 which was to “propose a new paragraph or section to describe the configuration item that currently exists for the GDL-90 for Capstone that indicates that the Mode 3/A Code is not transmitted.”

Introduction:

This Working Paper addresses Action Item 23-03 which was to “propose a new paragraph or section to describe the configuration item that currently exists for the GDL-90 for Capstone that indicates that the Mode 3/A Code is not transmitted.”

Proposal:

1. Insert the following introductory sentence in §2.2.4.5.4.15 “**Call Sign Identification Flag**”:

“The requirements of this section **shall** apply only when the UAT transmitter is configured for the CSID Logic ENABLED state as described in §2.2.4.5.4.16 below.”
2. Renumber the current section §2.2.4.5.4.16 “Reserved Bits” to Section §2.2.4.5.4.17.
3. Add new Section §2.2.4.5.4.16 as follows:

2.2.4.5.4.16 CSID Logic Configuration Item

The UAT transmitting subsystem **shall** provide an installer configuration item that will place the UAT transmitting subsystem in one of 2 states:

- CSID Logic ENABLED: Causes the UAT transmitting subsystem to satisfy the requirements of §2.2.4.5.4.15 “Call Sign Identification (CSID) Flag”
- CSID Logic DISABLED: Causes the UAT transmitting subsystem to ignore the requirements of §2.2.4.5.4.15 “Call Sign Identification (CSID) Flag” with Call Sign ALWAYS encoded in the CALL SIGN field and with the CSID field ALWAYS encoded as ONE.