REVIEW ITEM DISPOSITION (RID):

RED BOOK RID INITIATION FORM

AGENCY RID NUMBER: ESA-AM-01

SUBMITTING ORGANIZATION (Agency, Center): ESA, ESTEC

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REVIEWER'S NAME: Andrea Modenini

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DOCUMENT NUMBER: CCSDS 732.0-P-4.2 Pink Sheets, Issue 4.2

DOCUMENT NAME: AOS Space Data Link Protocol

DATE ISSUED: September 2024

PAGE NUMBER: PARAGRAPH NUMBER:

RID SHORT TITLE:

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DESCRIPTION OF REQUESTED CHANGE: (Use From: "..." To "..." format)

Figure 4-2 and Section 4.1.2.2:

It is understood that MCID is now TFVN + ( SCID Ext., SCID.) This is in contrast with Figure 4-2 and Section 4.1.2.2.

Possible change:

1) to remove MCID in the figure, OR to add MCID also over SCID extension part

2) to modify

**b) Spacecraft Identifier (8 bits, mandatory).**

to

**b) Spacecraft Identifier (8 or 10 bits, mandatory).**

**NOTE – the length of Spacecraft identifier can be 8 or 10 bits depending on clause 4.1.2.2.3.**

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CATEGORY OF REQUESTED CHANGE:

Technical Fact \_\_\_ Recommended \_X\_\_ Editorial \_\_\_

NOTES:

TECHNICAL FACT: Major technical change of sufficient magnitude as to

render the Recommendation inaccurate and unacceptable if not

corrected. (Supporting analysis/rationale is essential.)

RECOMMENDED: Change of a nature that would, if incorporated, produce

a marked improvement in document quality and acceptance.

EDITORIAL: Typographical or other factual error needing correction.

(This type of change will be made without feedback to submitter.)

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SUPPORTING ANALYSIS:

Based on figure and MCID description it appears 10 bit only to be compared when identifying the master channel. Instead now it is up to 12 bits

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DISPOSITION: Accepted with modifications stated below.

Modify 4.1.2.2.1.2 b)

FROM:

**b) Spacecraft Identifier (8 bits, mandatory).**

TO:

**b) Spacecraft Identifier (10 bits, mandatory).**

**NOTE – Missions implementing CCSDS 732.0-B (AOS) version 4 or previous versions have the SCID extension field set to ‘00’. See 4.1.2.2.3.**