REVIEW ITEM DISPOSITION (RID):

RED BOOK RID INITIATION FORM

AGENCY RID NUMBER: NASA-JSC-RID001

SUBMITTING ORGANIZATION (Agency, Center): NASA, JSC

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DOCUMENT NUMBER: CCSDS 732.0-P-4.1 Pink Sheets, Issue 4.1

DOCUMENT NAME: AOS Space Data Link Protocol

DATE ISSUED: October 2023

PAGE NUMBER: Page4-8 PARAGRAPH NUMBER: Notes 3

RID SHORT TITLE: inappropriate note info for a Blue Book

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

From:

“The header error correction code can correct up to and including two symbol errors.

This is sufficient to meet the performance of <1Å~10E-0710–7 Data Fields missing at a

1Å~10E-0510–5 channel bit error rate, for random bit errors. In the case of

convolutional coded channels, in particular when the convolutional coding is

interleaved, the Data Field loss rate will drop to 2Å~10E-0510–5 at an operating point

equivalent to a channel bit error rate of 1Å~10E-0510–5. This is the result of the burst

errors typical of the convolutional decoders.”

To:

“The header error correction code can correct up to two symbol errors.”

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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:

The deleted portion of this Note 3 may belong to a Green Book. In addition, “performance of Data Fields missing” and “channel bit error rate” are not defined in this document, may cause further confusion.

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DISPOSITION: