

# CCSDS Historical Document

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## Image Data Compression

### TECHNICAL CORRIGENDUM 3

The Management Council of the Consultative Committee for Space Data Systems (CCSDS) has authorized the publication of technical corrigendum 3 to CCSDS 122.0-B-1, issued November 2005.

#### *Page 4-17*

Paragraph 4.2.5.2.11, change

“Segment Header Part 2”

To:

“Segment Header Part 4”

#### *Page 4-19*

Paragraph 4.3.1.6, change

“encodes the BitDepthDC -  $q$  most significant bits”

To:

“encodes several of the most significant bits”

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## TECHNICAL CORRIGENDUM 3 TO CCSDS 122.0-B-1 (Continued)

Page 4-19 (continued)

Paragraph 4.3.1.7, change

“When  $q > \text{BitDepthAC}$ , the  $q - \text{BitDepthAC}$  next most significant bits”

To:

“When  $q > \max\{\text{BitDepthAC}, \text{BitShift}(\text{LL3})\}$ , the next  $q - \max\{\text{BitDepthAC}, \text{BitShift}(\text{LL3})\}$  most significant bits”

Page 4-23

Subsection 4.3.3, Note, change

“encodes the first  $\text{BitDepthDC} - q$  bits”

To:

“encodes the first  $N$  bits”

Paragraph 4.3.3.1, change

“When  $q > \text{BitDepthAC}$ , the next  $q - \text{BitDepthAC}$  bits”

To:

“When  $q > \max\{\text{BitDepthAC}, \text{BitShift}(\text{LL3})\}$ , the next  $q - \max\{\text{BitDepthAC}, \text{BitShift}(\text{LL3})\}$  bits”

Page 4-24

Paragraph 4.3.3.2, change

“until the  $\text{BitDepthAC}^{\text{th}}$  bit of each DC coefficient”

To:

“until the  $\max\{\text{BitDepthAC}, \text{BitShift}(\text{LL3})\}^{\text{th}}$  bit of each DC coefficient”