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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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Correspondence regarding CCSDS documents should be addressed to

CCSDS Secretariat
Space Communications and Navigation Office, 7L70
Space Operations Mission Directorate
NASA Headquarters
Washington, DC 20546-0001, USA
Paragraph 4.3.1.7, change

“When \( q \geq \text{BitDepthAC} \), the \( q \)-BitDepthAC next most significant bits”

To:

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

Page 4-23

Subsection 4.3.3, Note, change

“encodes the first BitDepthDC-\( q \) bits”

To:

“encodes the first \( N \) bits”

Paragraph 4.3.3.1, change

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

To:

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

Page 4-24

Paragraph 4.3.3.2, change

“until the BitDepthAC\( ^{th} \) bit of each DC coefficient”

To:

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