



## **Serially Concatenated Convolutional Codes—Extension (SCCC-X)**

### **TECHNICAL CORRIGENDUM 1**

The Management Council of the Consultative Committee for Space Data Systems (CCSDS) has authorized the publication of technical corrigendum 1 to CCSDS 131.21-O-1, issued May 2021.

*Page D-1, add*

SMTF            synch-marked transfer frame

*Page D-1, Delete*

CADU            channel access data unit

*Page 3-1, 3.2.6, change*

from:

“CADU”

to:

“SMTF”

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**Distribution Control Number: TC 22-10**

**Reference Number: CCSDS 131.21-O-1 Cor. 1**

NOTE – Current versions of CCSDS documents are maintained at the CCSDS Web site:

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## TECHNICAL CORRIGENDUM 1 TO CCSDS 131.21-O-1 (Continued)

*Page 3-1, 3.2.5, change*

from:

“CADU”

to:

“SMTF”

*Page 3-1, 3.2.4, change*

from:

“Channel Access Data Unit (CADU)”

to:

“Synch-Marked Transfer Frame (SMTF)”

*Page 2-4, figure 2-3, change*

from:

“CADU stream”

to:

“SMTF stream”

*Page 2-3, last paragraph under 2.3.1 SENDING END, change*

from:

“(8100 symbols)”

to:

“(8100 channel symbols)”

## TECHNICAL CORRIGENDUM 1 TO CCSDS 131.21-O-1 (Continued)

*Page 2-1, at end of last paragraph under 2.1 ARCHITECTURE, add*

“, the latter for what concerns the modulation schemes. CCSDS 401.0-B (reference [5]) covers additional features of the Physical Layer, such as frequency bands and polarizations, that are not described or referenced here”

*Page 1-5, add reference*

- [5] Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft. Issue 32. Recommendations for Space Data System Standards (Blue Book), CCSDS 401.0-B-32. Washington, D.C.: CCSDS, October 2021.

*[Editorially update references to current issues—these changes are not marked.]*

*Page 1-1, at end of second paragraph under 1.1 PURPOSE, add*

“, as long as compliance to CCSDS recommendations for radio frequency modulations in reference [5] is ensured”