

# **Guidelines for the Specification of Cross Support Transfer Services**

## **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 921.2-M-1, issued March 2019.

*Page 4-2, paragraph 4.3.11 item a), change*

from: “in effect when the CSTS Specification becomes a Recommended Standard”

to “applicable to the CSTS Specification Recommended Standard”

*Page 4-2, paragraph 4.3.11*

Add the following new item a):

- a) the following introductory paragraph, replacing the normally used introductory paragraph:

“The following publications contain provisions which, through reference in this text, constitute provisions of this document. At the time of publication, the editions indicated were valid. It is important to note that the edition of the *Cross Support Transfer Service—Specification Framework* that is named in this subsection is the only edition that can be used as a source of requirements for this edition of this Cross Support Transfer Service Recommended Standard. All other publications in the list are subject to revision, and users of this document are encouraged to investigate the possibility of applying the most recent editions of the publications (other than the Specification Framework) indicated below. The CCSDS Secretariat maintains a register of currently valid CCSDS publications.”

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**Reference Number: CCSDS 921.2-M-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 921.2-M-1 (Continued)

*Page 4-2, paragraph 4.3.11 (continued)*

add note after new item a)”

NOTE – In the CSTS Specification Framework (reference [1]), procedure version numbers are increased as soon as there are changes to those procedures, but only then. Consequently, different CSTS Specification Framework editions may contain the same version of a given procedure type. One CSTS specification is bound to one specific edition of the CSTS Specification Framework, and consequently only the procedure versions and ASN.1 module versions specified in that edition can be used for the specification of that CSTS.

*Page 4-3, figure 4-1*

Delete level-3 headings from example table of contents.

*Page 4-29, paragraph 4.10*

Add the following new numbered paragraph after 4.10.2:

Each module identifier shall indicate the version of the given module as shown in 4.10.4.1.

*Page 4-30, paragraph 4.10.3.1*

At end of module identifier, before closing bracket, add:

“ version(<version number>)”

At end of list following module identifier, add the following new list item:

- d) <version number> is an integer that has been uniquely assigned to the given version of the ASN.1 module.

In the note following the list, at end of example module identifier, before closing bracket, add:

“ version(1)”

*Page 4-30, paragraph 4.10.3.2*

At end of module identifier, before closing bracket, add:

“ version(<version number>)”

Item a) of the list below the module identifier, change

from: “<Module Reference Service Component>, <service identifier>, and <service number>”

to: “<Module Reference Service Component>, <service identifier> ,<service number> and <version number>”

## TECHNICAL CORRIGENDUM 1 TO CCSDS 921.2-M-1 (Continued)

*Page 4-31, paragraph 4.10.3.5*

Change

from “<service number> and <parent service number>”

to: “<service number>, <version number>, and <parent service number>”

*Page 4-35, figure 4-2*

At end of module identifier, before closing bracket, add:

“ version(1)”

*Page 4-36, paragraph 4.11.5.1.1*

At end of module identifier, before closing bracket, add:

“ version(<version number>)”

Below the module identifier, change

from: “<service identifier> and <service number>”

to: “<service identifier>, <service number>, and <version number>”

*Page 4-37, paragraph 4.11.5.1.2*

At end of module identifier, before closing bracket, add:

“ version(<version number>)”

Below modular identifier, at end item a), before semicolon, add:

“, and <version number> is defined in 4.10.2.1 d)”

*Page 4-37, paragraph 4.11.5.1.5*

Change

from: “<procedure pdu module number>”

to: “<procedure pdu module number> and the <version number>”

*Page 4-43, subsection 4.12*

At end of module identifier, before closing bracket, add:

“ version(<version number>)”

At end of list below module identifier, add the following new item:

- c) <version number> is an integer that has been uniquely assigned to the given version of this ASN.1 module.