

USB Type-C ENGINEERING CHANGE NOTICE

Title: Marked cable correction

Applied to: USB Type-C® Specification Release 2.1, May 2021

Brief description of the functional changes proposed:
The description of which port is allowed to communicate to the cable is incorrect and was never correct relative to the PD spec.

Benefits as a result of the proposed changes:
Bring the Type-C spec in line with the PD3 spec.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
None

An analysis of the hardware implications:
None

An analysis of the software implications:
None

An analysis of the compliance testing implications:
None

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Actual Change Requested

(a). Section 4.9 Electronically Marked Cables

From Text:

Prior to an explicit USB PD contract, a Sourcing Device is allowed to use SOP' to discover the cable's identity. After an explicit USB PD contract has been negotiated, only the Source shall communicate with SOP' and SOP'' (see Section 6.2.1).

To Text:

Prior to an explicit USB PD contract, a Sourcing Device is allowed to use SOP' to discover the cable's identity. After an explicit USB PD contract has been negotiated, only the VCONN Source shall communicate with SOP' and SOP'' (see Section 6.2.1).