USB4 2.0 ENGINEERING CHANGE NOTICE FORM

Title: tTrainingAbort1 on Asymmetric Transitions
Applied to: USB4 Specification Version 2.0

Brief description of the functional changes:
Changes the requirement to Disconnect to informative since the tTrainingAbort1 timer is required only in one side.

Benefits as a result of the changes:
A complete description of the behavior without unnecessary requirements.

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

(a). Section 4.2.2.5 Transition from Symmetric Link to Asymmetric Link

To Text:

If the transition from Symmetric Link to Asymmetric Link does not finish within tTrainingAbort1 time, the USB4 Port that received the UNBOND Ordered Sets will initiate a disconnect by driving SBTX to a logical low state for tDisconnectTx.

(b). Section 4.2.2.6 Transition from Asymmetric Link to Symmetric Link

To Text:

If the transition from Asymmetric Link to Symmetric Link does not finish within tTrainingAbort1 time, the USB4 Port ~~shall~~ that received the UNBOND Ordered Sets will initiate a disconnect by driving SBTX to a logical low state for tDisconnectTx.