USB4 1.0 ENGINEERING CHANGE NOTICE FORM

Title: tTrainingTransition on CLx Exit Only
Applied to: USB4 Specification Version 1.0

Brief description of the functional changes:
Timing requirements for Training sub-state transitions are not relevant to Training state after CLd (Link bring up) or CL0 (Link retraining).

Benefits as a result of the changes:
Remove redundant 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:
Remove any timing requirements on Training sub-state transitions on Link bring up or retraining.

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Actual Change

(a). Section 4.2.1.3.2, Behavior in State (Training), Page 140
To Text:

A Lane Adapter shall follow the Training sub-state machine described in Figure 4-9 with the behavior described in Table 4-19 and the sub-state transitions described in Table 4-20. If the transition to Training state is from CLx state, Tthe sub-state transitions shall occur within tTrainingTransition time from receiving the last bit of the relevant Symbols.