

USB Type-C ENGINEERING CHANGE NOTICE

Title: Exit from ErrorRecovery State

Applied to: USB Type-C Specification Release 1.2, March 25, 2016

Brief description of the functional changes proposed:
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In the DRP with Accessory and Try.SRC Support flow (Figure 4-16) the exit from ErrorRecovery state is changed to exit to Unattached.SRC state.
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In the DRP (Figure 4-15) the exit from ErrorRecovery state is changed to only exit to Unattached.SNK state.

Benefits as a result of the proposed changes:
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With the proposed change, the USB Type-C state machine for the DRP with Accessory and Try.SRC Support exit to the Unattached.SRC state as it prefers to be a SRC when in attached state.
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The proposed change will not have any functional changes
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An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
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An analysis of the hardware implications:
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An analysis of the software implications:
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N/A

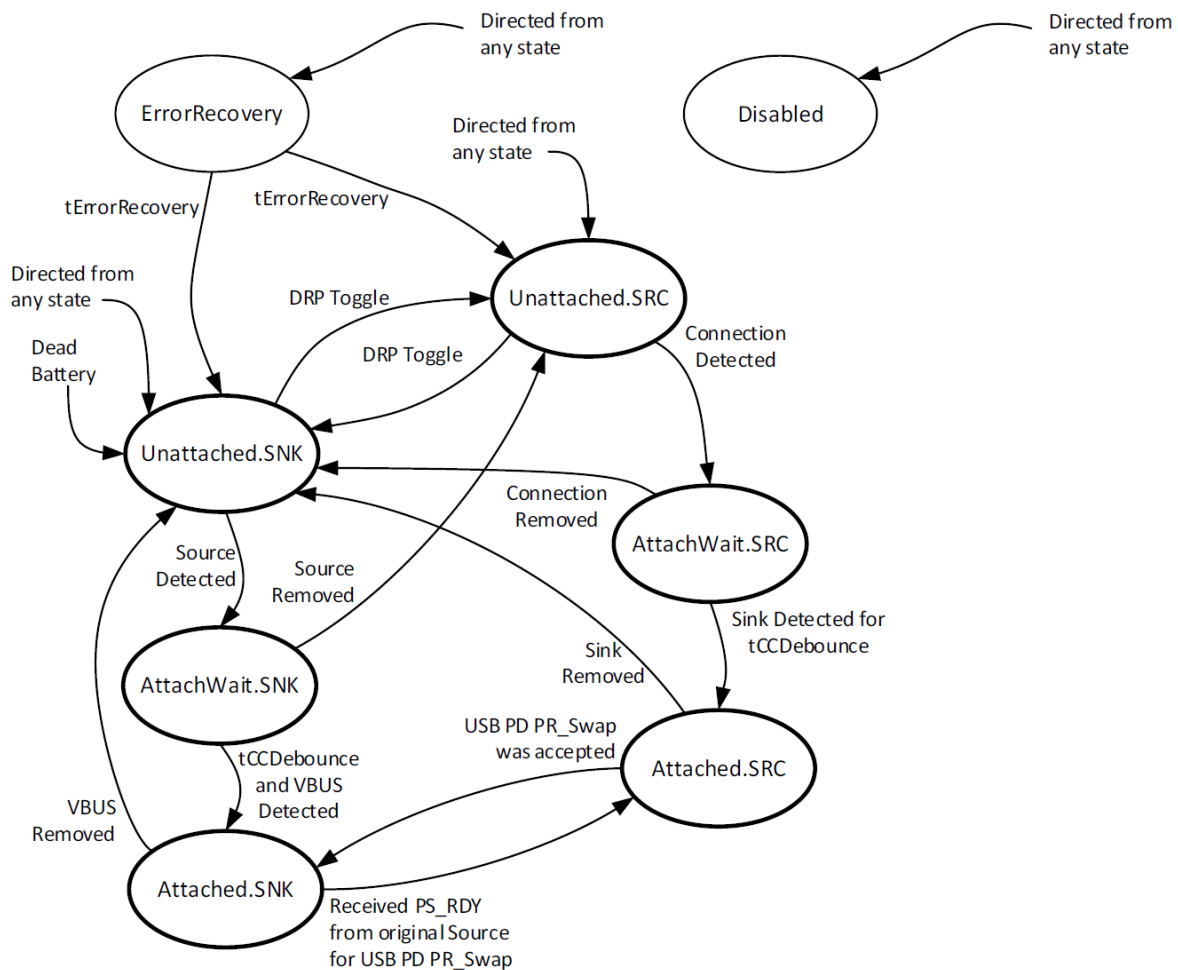
An analysis of the compliance testing implications:
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Actual Change Requested

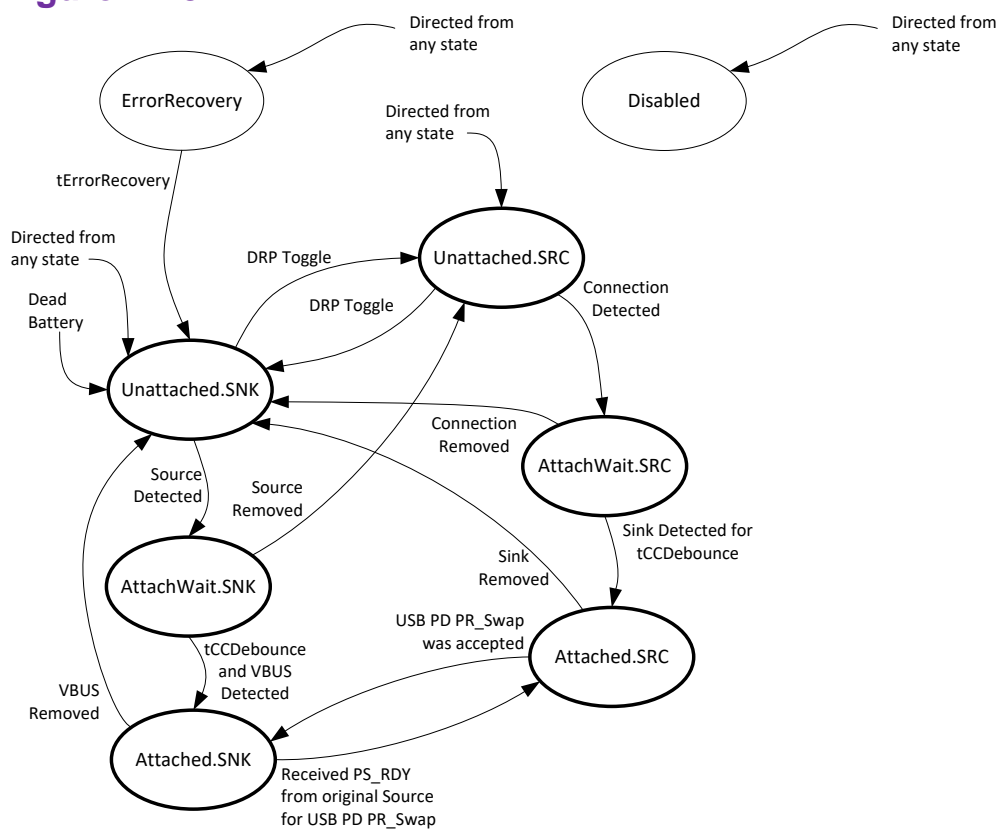
(a). Section 4.5.2.1 Connection State Diagrams, Page 137

From Figure 4-15:



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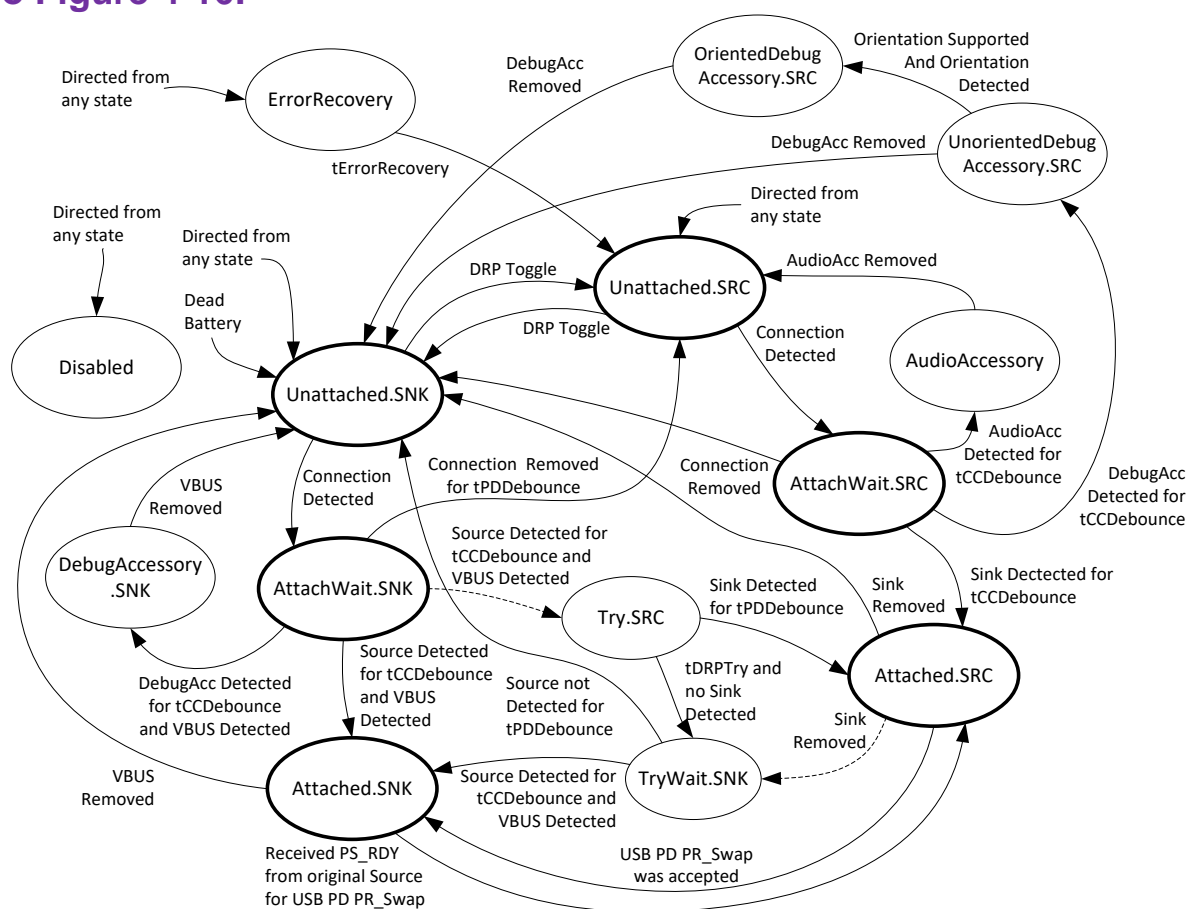
To Figure 4-15:



(b). Section 4.5.2.1 Connection State Diagrams, Page 138
From Figure 4-16:



To Figure 4-16:



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(c). Section 4.5.2.2.2 Exiting from ErrorRecovery State, Page 141

From Text:

A Sink shall transition to [Unattached.SNK](#) after [tErrorRecovery](#).

A Source shall transition to [Unattached.SRC](#) after [tErrorRecovery](#).

A DRP shall transition to either [Unattached.SNK](#) or [Unattached.SRC](#) after [tErrorRecovery](#).

To Text:

A Sink shall transition to [Unattached.SNK](#) after [tErrorRecovery](#).

A Source shall transition to [Unattached.SRC](#) after [tErrorRecovery](#).

A DRP (Figure 4-15) and a DRP with Accessory and Try.SNK Support (Figure 4-17) shall transition to ~~either~~ [Unattached.SNK](#) ~~or Unattached.SRC~~ after [tErrorRecovery](#).

A DRP with Accessory and Try.SRC Support (Figure 4-16) shall transition to [Unattached.SRC](#) after [tErrorRecovery](#).