USB Type-C ENGINEERING CHANGE NOTICE

Title: USB Type-C State Machines
Applied to: USB Type-C Specification Release 1.0, August 11, 2014

Brief description of the functional changes:

In early interop testing the original state machines in Chapter 4 were found to have a number of problem. This ECN updates the Chapter 4 state machines and renames the states to reflect that they represent the power state, not the data state of the po4rt.

Benefits as a result of the changes:

State machines will properly connect.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:

Breaks the existing implementations. In most cases the old and new will connect. However, it is no worse than the original state machines which would never connect when a DFP was attached to a UFP.

An analysis of the hardware implications:

State machines will need to be updated.

An analysis of the software implications:

None

An analysis of the compliance testing implications:

None since the compliance program is not in place yet.

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Actual Change

(a). Chapter 1 and Chapter4
See PDF named "USB Type-C Specification State Machine".
Changes too numerous to point out individually.