USB4 1.0 ENGINEERING CHANGE NOTICE FORM

Title: Limit Max Output HopID
Applied to: USB4 Specification Version 1.0

Brief description of the functional changes:

Limits the maximum value of the Input and Output HopIDs to 127.

Benefits as a result of the changes:

Unused HopIDs do not have to be supported.

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

None, HopIDs greater than 127 are not used by existing systems.

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). Table 5.2.2, HopID Rules, Page 267

To Text:

HopIDs are used by Routers to direct packets between Links on a Path. HopIDs are configured by the Connection Manager.

The value of Max Output HopID and Max Input HopID shall be less than or equal to 127.

✎   **CONNECTION MANAGER NOTE**

A Connection Manager shall ignore the four highest bits in the Max Input HopID and Max Output HopID fields.