USB Power Delivery ENGINEERING CHANGE NOTICE

Title: VDM use conditions
Applied to: USB Power Delivery Specification Revision 3.1 Version 1.8

Brief description of the functional changes proposed:
Clarify conditions for using the vendor specific commands in structured VDMs.

Benefits as a result of the proposed changes:
Avoid problems if two devices with different command sets try to talk.

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:
Probably none as this should be the normal operating mode.

An analysis of the compliance testing implications:
None, these are not tested.

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Actual Change Requested

(a). Section 6.4.4.2   **Structured VDM, P.150**

Add new bullet:

- When using any of the SVID Specific Commands in the Structured VDM Header (VDM Header b4…0 - value 16 - 31) the responder ***Shall*** NAK messages where the SVID in the VDM Header is not recognized as an SVID that uses *SVID Specific Commands* or the use of SVID Specific Commands is not supported for the SVID.