



4720 INDEPENDENCE ST • WHEAT RIDGE, COLORADO 80033 • 844-754-8683 • 303-422-1566

slicompliance.com *SLI Compliance, a Division of GLI®*

February 10, 2021

Director, Voting System Testing and Certification
U.S. Election Assistance Commission
633 3rd Street NW, Suite 200
Washington, DC 20001

Re: Hart ECO-01456 - Alternate Cable Supplier

Dear Mr. Lovato,

Hart has requested that SLI review ECO-01456 and supporting documentation to determine if the proposed update can be considered de minimis with no additional testing required.

Summary Description:

ECO-01456 adds an additional cable supplier option for three Hart-defined cable assemblies used with Verity devices. The cables include a cable used with the optional AutoBallot barcode scanner, the “daisychain” cable used with DRE and Touch Writer Duo devices, and an internal cable used to connect the device docking board PCB to the base board PCB. Additionally, the docking cable drawing is updated to clarify it was clerical fabrication notes, corrections, and to make a dimensional callout in metric. The cable assembly itself does not change.

Reference Documents:

- EAC 2005 Voluntary Voting System Guidelines (VVSG) Volume II, Sec. 1 & 4
- EAC Voting System Testing and Certification Program Manual V. 2, Sec. 3.4 & 3.5

Documentation used in SLI’s Assessment:

- ECO-01456 Summary - Alternate Cable Supplier 4005688 A00
- 4005688A_Supporting_Documents
 - Cable Drawing Updates:
 - 2005312 – Verity Daisy-Chain Cable
 - 2005403 – Verity Docking Cable

- 2005441 – Verity Bar Code Scanner Cable
- Product Lifecycle Management System – Summary Document
 - 2005312 Rev E AVL – Verity Daisy-Chain Cable
 - 2005403 Rev D AVL – Verity Docking Cable
 - 2005441 Rev D AVL – Verity Bar Code Scanner Cable
- Hardware Test Report:
 - Alternate Cable Supplier Radiated Emissions Test Report.pdf

Conclusion:

Analysis shows the cable assemblies for the alternate cable supplier are equivalent with respect to cable construction, cable pin-out, cable length, USB 2.0 / 3.0 requirements, UL2725 Specifications, and UL20276 Shielded Standards.

SLI considers the nature of this ECO to be De Minimis and therefore not to affect the Federal certification status for all applicable Verity releases. The testing that has been performed, including Radiated Emissions testing, is adequate and no additional testing is required.

As required under section 3.4.3 of the EAC's Voting System Testing and Certification Program Manual Version 2.0, Hart InterCivic has provided the necessary information to verify the ECO 01456 proposed update is De Minimis.

If you have questions regarding this assessment, please contact Darrick Forester.

Sincerely,



Traci Mapps
Director