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July 2, 2020

U.S. Election Assistance Commission
1335 East West Highway, Ste. 4300
Silver Spring, MD 20910

Re: ECO-01349 – Verity Case Manufacturing Improvement

Dear Mr. Lovato,

At the request of Hart InterCivic, SLI is providing an assessment of ECO-01349, including supporting documentation provided by Hart InterCivic, to determine if this change is De Minimis, and no additional testing is required.

Summary Description:

ECO-01349 makes a manufacturing improvement to the Verity device case plastic by increasing the thickness of the wall on corner lip of the plastic cases. The increased thickness is intended to improve material flow into the region when the plastic cases are manufactured, reducing parts that are made incomplete and scrapped.

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-01349 Summary - Verity Case Manufacturing Improvement 4005679 A00
- 4005679A_Supporting_Documents
 - Drawings:
 - 2005007-REVE.PDF: CASE, LOWER, W/ OVERMOLD
 - 2005008-REVD.PDF: CASE, UPPER, WITH OVERMOLD
 - 2005198-REVC.PDF: ASSEMBLY, SHIPPING, TOP, CASE
 - 2005199-REVC.PDF: ASSEMBLY, SHIPPING, BOTTOM, CASE

Conclusion:

Hart's ECO-01349 enables manufacturing improvement intended to reduce rejection rates of parts, thereby reducing cost. This change would have no affect on temperature, humidity, and if there is any impact to shock it would be to increase resilience. The portion that increased in thickness is underneath the black corners on the Verity cases, so there is no impact on airflow.

SLI has assessed the hardware change in ECO 01349, including supporting documentation. The requested change does not affect the system's reliability, functionality, capability, operation, or software. SLI considers the nature of this change to be De Minimis and therefore not to affect the Federal certification status for all applicable Verity releases. No additional testing is required at this time.

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 01349 change is De Minimis.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Traci Mapps".

Traci Mapps
Director