

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	10-Feb-21
Change ID:	ECO-01456	System(s):	All Applicable Verity Releases
Product:	Alternate Cable Supplier		

Change Summary Description

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.

Reason for Change: Additional cable supplier is added to reduce cost and lead time.

Change Evaluation		Comments
<input type="checkbox"/>	The change affects the form, fit or function of the equipment and therefore requires hardware testing to be performed. The testing requirements are defined in the Hardware Test Matrix table below. Any changes made to a system under test will result in the manufacturer supplying a list and detailed description of all changes.	N/A
<input checked="" type="checkbox"/>	De Minimis change order: A de minimis change order is a change to a certified voting system’s hardware, software, Technical Data Package (TDP), or data, the nature of which will not materially alter the system’s reliability, functionality, capability, or operation.	The requested changes do not affect the system’s reliability, functionality, capability or operation.
<input checked="" type="checkbox"/>	System documentation: The manufacturer has provided a description of how this change will impact any relevant system documentation and has provided the updated documentation, if applicable.	Product Lifecycle Management system summary document provided for all affected cables.
<input type="checkbox"/>	The change provides closure for an issue encountered during testing.	N/A
<input type="checkbox"/>	Requires Evaluation from a EMC/EMI Test Lab	N/A
<input type="checkbox"/>	Requires Evaluation from a NRTL Test Lab	N/A




Summary Comments

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.



	Approved by/Title	Signature:	Date:
	Darrick Forester Hardware Test Engineer		10-Feb-21
	Traci Mapps Director		10-Feb-21

