

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	01-11-2024
Change ID:	ECO-01531	System(s):	Applicable to all Verity releases
Product:	Manufacturer's documentation		

Change Summary Description	
<p>Summary Description: This ECO makes updates due to supply chain challenges, clerical input error, and manufacturing improvements.</p> <p>The following changes are made in this ECO:</p> <ul style="list-style-type: none"> • Corrects an error in the manufacturer's orderable part number for a ribbon cable connector. The change is clerical and there is no change to the part as received. • This ECO adds a manufacturing improvement to the Ballot Box handle that ensures long term ruggedness. • Adds a note to a Ballot Box assembly drawing to improve manufacturability. The note adds post-installation cord loop distance requirements. • The Ballot Box rear door is modified for a quality improvement to improve door fit and to add a molded datecode dial to identify fabrication date. • Adds an additional contract manufacturer (assembler) source for a Hart designed custom cable. The additional manufacturer already builds several Hart designed cables. There are no changes to the cable design, materials, or construction. <p>Reason for Change: The changes described in this ECO are to ensure manufacturing documentation is unambiguous, and to mitigate long lead times.</p> <p>ECO Category: Preferred and clerical corrections</p>	
Reference Documents:	
EAC 2005 Voluntary Voting System Guidelines (VVSG) Vol. II, Sec. 1.7.2 EAC Voting System Testing and Certification Program Manual Ver. 3.0, Sec. 3.5.1. NOC 19-01: Software De Minimis Changes, 11-15-2019	
Documentation used in SLI's Assessment:	
ECO-01531 Summary - Supply Chain and Manufacturability 4005831 A00 4005831A_Supporting_Documents zip: <ul style="list-style-type: none"> ▪ AML ▪ Drawings 	
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	N/A




	a system under test will result in the manufacturer supplying a list and detailed description of all changes.	
<input checked="" type="checkbox"/>	Minor change order: A minor 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.	This change request does not materially alter the system's reliability, functionality, capability, or operation of the certified devices.
<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.	Updates will not go into effect until after the EAC ruling.

Summary Comments

There are no software changes associated with the ECO. Proposed changes to existing documentation are adding a new preferred manufacturer for existing cable, clerical correction, and manufacturing improvements.

SLI has assessed the proposed changes in ECO-01531 including supporting documentation. Hart's internal QA testing is appropriate. The requested changes do not affect the system's reliability, functionality, capability, or operation.

As required under section 3.5.1 of the EAC's Voting System Testing and Certification Program Manual Version 3.0. SLI considers the nature of ECO-01531 to be minor changes and therefore not to affect the Federal certification status for all applicable Verity Release. No testing required.

	Approved by/Title	Signature:	Date:
	Steve Ramage Hardware Test Engineer	<i>Steve Ramage</i>	01-11-2024
	Michael D. Santos Director	<i>Michael D. Santos</i>	01-11-2024

