

## SLI Compliance Engineering Change Evaluation and Review Form

<b>Vendor:</b>	Hart InterCivic	<b>Date:</b>	08-Jul-2022
<b>Change ID:</b>	ECO-01502	<b>System(s):</b>	Applicable to all Verity releases
<b>Product:</b>	Additional orderable part numbers.		

Change Summary Description	
<p><b>Summary Description:</b> This ECO adds additional equivalent orderable part numbers to the Approved Manufacturing List (AML) for Hart Verity components. All added components are exact equivalent functional matches. The alternate source added for the audio jack connector on the Accessibility Controller has a different PCB mounting pattern and pinout, so the PCB footprint is updated to accommodate the change</p> <p><b>Reason for Change:</b> Additional orderable part numbers must be added due to component End of Life status and due to high lead times caused by worldwide electronic component shortages.</p> <p><b>ECO Category:</b> EOL</p>	
Reference Documents:	
<ul style="list-style-type: none"> <li>▪ EAC 2005 Voluntary Voting System Guidelines (VVSG) Volume II, Sec. 1 &amp; 4.</li> <li>▪ EAC Voting System Testing and Certification Program Manual Version 3.0, Sec. 3.5.1.</li> </ul>	
Documentation used in SLI's Assessment:	
<p>ECO-01502 Summary - Add Additional Sources for EOL Components A00</p> <p>Support Documentation:</p> <ul style="list-style-type: none"> <li>▪ AML Exports</li> <li>▪ Assembly Drawings</li> <li>▪ BOMs</li> </ul>	
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"/> <b>Minor change order:</b> 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.	Requested updates do not materially alter the system's reliability, functionality, capability, or operation.
<input checked="" type="checkbox"/> <b>System documentation:</b> 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 to the AML will not go into effect until after the EAC ruling.






## Summary Comments

Due to components going End of Life and high lead times caused by worldwide electronic component shortages Hart request additional orderable part numbers be added to the Approved Manufacturing List.

SLI has assessed the proposed changes in ECO-01502 including supporting documentation and Hart's internal QA testing. The requested change does 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-01502 to be minor change and therefore not to affect the Federal certification status for all applicable Verity releases.

	Approved by/Title	Signature:	Date:
	Darrick Forester Hardware Test Engineer		08-Jul-2022
	Traci Mapps Vice President, SLI Compliance		08-Jul-2022