

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	2/26/2020
Change ID:	ECO-01387	System(s):	All Verity releases
Product:	AutoBallot Barcode Scanner DS4608		

Change Summary Description

Summary: The COTS (Commercial Off the Shelf) barcode (handheld) scanner that Hart uses with its optional AutoBallot kit, the Zebra DS4308, has reached end-of-life. The DS4308 model is replaced with the Zebra DS4608. The DS4308 model is replaced with the Zebra DS4608. The models are functionally identical and have the same regulatory certifications.

Reason for Change: The Motorola DS4308 is no longer available. The DS4608 is the manufacturer suggested direct replacement.

ECO Category: EOL Part Replacement

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.	
<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 Federal certification status for all Verity releases.
<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.	Updated AML will not go into effect until after the EAC ruling.
<input type="checkbox"/>	The change provides closure for an issue encountered during testing.	
<input type="checkbox"/>	Requires Evaluation from a EMC/EMI Test Lab	
<input type="checkbox"/>	Requires Evaluation from a NRTL Test Lab	Safety Evaluation




Summary Comments

Regarding the Hart ECO 01387 replacement of the handheld COTS barcode scanner due to end of life on the optional handheld COTS barcode scanner, SLI performed a comparison of key specifications for the barcode scanner and their preferred replacement. The analysis showed the manufacturer specifications are equivalent or better for the preferred replacement barcode scanner with respect to performance characteristics, environmental compliance, operating environment, and regulatory certifications

Based upon the examination of ECO 01387 with supporting documentation, including Hart's internal integration testing on all supported devices (Print, Touch Writer, and Controller) to verify compatibility. 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 01387 change is De Minimis.

	Approved by/Title	Signature:	Date:
	Darrick Forester Hardware Test Engineer		26-Feb-2020
	Traci Mapps Director		26-Feb-2020

