



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Election Systems & Software (ES&S)

System: EVS 6.3.0.0

ECO Number: ECO-1153

ECO Description: EVS 6300 TDP Update

Overview:

This ECO introduces document content updates pertaining to the firmware upgrade procedures in the System Maintenance Manuals of the ExpressVote XL and ExpressTouch. It was discovered EVS 6.3.0.0 existing documentation contains an incorrect voting system reference in the certified TDP. The voting system reference was corrected in the ExpressTouch and the ExpressVote XL System Maintenance Manuals, as listed below:

- ExpressTouch Maintenance Manual, Revision 1.1, *Section 4.4 Updating Firmware*
Corrected which firmware release allows for updating firmware using a flash drive. Noted that only ES&S technicians should update firmware via the CFast cards.
- ExpressVote XL Maintenance Manual, Revision 1.1, *Section 5.4 Updating Firmware*
Corrected which firmware release allows for updating firmware using a flash drive. Noted that only ES&S technicians should update firmware via the CFast cards.

Systems Affected:

EAC: EVS 6.3.0.0

Supporting Documentation:

ECO 1153 (*ES&S Engineering Change Order 1153*)
 ECO1153_TDPAddendum_EVS6300 (*ES&S Voting System 6.3.0.0 TDP Addendum*)
 ETOUCH_4'2'1'0_SMM (*ExpressTouch Maintenance Manual*)
 EVOTEXL_4'2'1'0_SMM (*ExpressVote XL Maintenance Manual*)

Engineering Recommendation:

Pro V&V conducted a review of the submitted ECO and supporting documentation to approve change. ES&S submitted updated TDP documents to correct the content. Pro V&V determined the documentation updates to be properly implemented. Per the submitted TDP addendum, the updates were to the identified System Maintenance Manuals only; therefore, the updates did not adversely impact system reliability, functionality, capability, or operation. Based on the documentation review, Pro V&V determined the modification to be de minimis with no testing required.

Engineering Analysis: De Minimis – No testing required

Reviewer:

Wendy Owens

Printed Name

Wendy Owens
Signature

05/23/2023

Date

Approver:

Michael Walker

Printed Name

Michael L. Walker
Signature

05/23/2023

Date