



## ENGINEER CHANGE NOTICE (ECN) ANALYSIS FORM

**Manufacturer:** MicroVote

**System:** MicroVote EMS Systems

**ECN Number:** 135

**ECN Description:** Update Tally and VoteN smart cards to current manufacturing platform with increased capacity of Tally card for all systems.

**Overview:**

This ECN documents an update Tally and VoteN smart cards to current manufacturing platform with increased capacity of Tally card for all systems.

Current Tally and VoteN card platforms are end-of-life with manufacturer. Functionality has been transferred to current manufacturing smart card platform while also increasing capacity of Tally card with an additional 26,288 bytes of memory. New Tally Card will be labeled "156K Tally." VoteN card labeling unchanged.

MicroVote has determined this modification is compatible with all system hardware and software.

**Supporting Documentation:**

ECN 135 - 156K Tally Card and Updated VoteN Card.pdf (*MicroVote ECN*)

DO1.1TDP-A-EMS44-E14-E.docx (*MicroVote Test Execution Plan – Tally Card*)

DO1.0TDP-A-EMS44-E15-E.docx (*MicroVote Test Execution Plan – VoteN Card*)

**Engineering Recommendation:**

Technical documentation review was performed to determine disposition. It was determined that the submitted updates should not adversely affect system reliability, functionality, capability, or operation. No change to firmware/software is required.

Based on the testing performed by MicroVote and the results obtained, Pro V&V recommends that updated smart cards, be approved for use in all currently certified system versions as requested. No additional testing required.

**Engineering Analysis:** No additional testing required

**Reviewer:**

*Wendy Owens*

Printed Name

*Wendy Owens*

Signature

10/28/2021

Date

**Approver:**

*Michael L. Walker*

Printed Name

*Michael L. Walker*

Signature

10/28/2021

Date