

APX P25 Interfaced DVR/VRX1000 Firmware Release 1.42 – Release Notes

DVR/VRX Application Software (4C083X11): New Version: **1.42**; Old Version: 1.41

DVR/VRX BB DSP (4C083x04): Version: **1.42** (unchanged)

DVR TR DSP (4C083x03): Version: **1.18** (unchanged)

VRX TR DSP (4C087x05): Version: **1.07** (unchanged)

Tweaker Software (6A083X05): New Version: **1.17**; Old Version: 1.16

Note: New firmware and Tweaker software is supporting both hardware platforms - VRX1000 and DVR.

Compatible with following Motorola Radio Firmware Versions:

APX2500/4000/4500/5500/6000/6500/7000/7500/8000/8500: R18.00.00

New Features / Enhancements:

- **Differentiate Emergency** – Radio would pack information into the emergency alarm request to FNE based on the trigger source either button trigger or Man Down/Impact when emergency is initiated in these conditions. The receiving radio units on the control channel and working channel would display differentiated condition text. When MSU received emergency alarm from FNE, MSU will forward it to the DVR and DVR will broadcast to all PSUs. PSU if programmed will display differentiated condition text based on the information.

Issues fixed in this release:

- After MSU answers announcement group call (MIC PTT pressed during ATG hangtime), subsequent announcement group call displays MSU GID (selected TG) instead of ATG ID.
- DVRS PSU may inadvertently receive audio from a Foreign TG
- If Radio Lock is enabled on MSU and VIP DVR activation is disabled, and DVR is configured to use AVRA VIP on CH, after power-up and MSU unlock, DVR enters System mode instead of remaining disabled
- DVR fails to transmit digital voice to PSU when on Forced Analog channel and MSU is on Mixed Rx / ASTRO Tx channel
- DVR fails to recognize DPL present and fails to initiate repeat on analog DPL of the received signal present when VR channel is reloaded on power up or via command
- DVR mode display on MSU may flicker back and forth when DVR performs mode change via call alert.
- On Fireground analog channel DVR does not pass to MSU ID of the LPSU
- DVR fails to proxy emergency alarm to non-translated PSUs on MSU selected TG if initiated from TG translated PSU
- DVR does not send the TSBK “Unit to Unit Voice Channel Grant Update” receiving from MSU to PSU

Known issues in Firmware Release 1.42:

- None.