

# Viking Subscriber Software 20.2 General Release: March 2021

Effective Release: March 5, 2020

FSN-0321-VIKING-18

This Field Software Notice (FSN) announces the KENWOOD Viking® subscriber software version 20.2 release. This release provides new features and resolutions for Viking radios along with a new Armada® Server offering. This release supersedes KENWOOD Viking software release 20.1 for VPx000 and VMx000 series radios and the Armada Software Suite.

**Note:** The general release for 20.1 (and subsequent minor updates) will remain the current release for VPx00 and VMx00 radio firmware. Many new features are not being extended to the 100 series radio platform as of this release cycle. However, minor changes will continue to be supported as incremental releases to 20.1 for these radios. See incremental 20.1 point release notes for further details. Armada continues to support the VPx00/VMx00 radios.

## Software Versions

The following table capture the Viking Software items and corresponding versions included in this release.

Item	Version
Armada Client	1.32.9
Armada Server	1.32.9
Armada Proxy	1.32.6
Armada CD ISO	1.32.9
VP5000/6000 Firmware Image	8.32.10
VM5000/6000/7000 Firmware Image	8.32.10
VikingTune Lite	1.32.8

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*For questions regarding this Field Service Bulletin, please contact the KENWOOD Viking team at 1.800.328.3911, option 3.*

## Features Added

Following new features are added in the 20.2 release.

Feature Description	Overview
<b>Armada Server</b>	Armada Server is a new product addition to the Armada Fleet Management Suite, created for large fleet management. It allows multiple radio programmers to share a common, centralized database on a network server. Each user connects to the Armada Server through their individual copy of Armada. It supports an off-line mode, so when the user returns to the network, their Armada data will be synchronized back to the central database.
<b>Data transmission during conventional scan</b>	This feature adds the ability to send P25 Data on a conventional channel with the scan function enabled. All scan modes are supported except vote scan.
<b>Speaker Attenuation</b>	Provides an adjustable speaker attenuation level setting that can be applied with a programmable button. Allows the user to have a high/low speaker volume-toggle on external speaker mics with a programmable button.
<b>Foreign IP Context Enabled</b>	Provides a configurable option to allow or prevent the radio from attempting to data register on foreign systems. Previously, the radio would always attempt to do data registrations while ISSI roaming.

## Feature Enhancements

The following feature enhancements are available in the 20.2 release. These augment existing functionality in the subscribers and/or supporting applications.

Feature Description	Overview
<b>Roaming Signal Strength Icon</b>	The radio now indicates an “R” in the signal strength icon when the radio is on a foreign system (ISSI Roaming indicator).
<b>Send Unsolicited Location Reports for Triggers Configured in Armada</b>	Provides an improvement in GPS location reports for the type reported to prevent triggered location requests sent from the system from overwriting the Armada settings for the radio.
<b>“Low Battery” location trigger type</b>	Adds an option that a low battery condition of the radio will trigger sending a GPS location report.
<b>“Status” location trigger type</b>	Adds an option for the radio to send a GPS location report after the user sends a Status Message to the system. The location report will include the Status Message ID.
<b>Alias display in TG and AG Lists</b>	To help in management of large lists in Armada, the assigned aliases will now appear in the list itself in the system talk group and announcement group lists, rather than just in the talk group/announcement group options configuration area.
<b>Allow Nuisance Delete in Force Auto Scan Channel</b>	There are cases when nuisance delete is wanted while on a force auto scan channel. It is now allowed while on a force auto scan channel.
<b>Skip Unprogrammed Channels with Rotary Knob</b>	Allows the rotary knob to skip to the next valid channel if channel numbering is not sequential.
<b>Mute Notification enhancements</b>	The radio now has a new Mute icon. The flashing Mute Notification message can now be disabled, and instead be displayed only once.

## Customer Issues Addressed

Following is a list of the customer impacting issues that have been resolved in the 20.2 release.

Issue	Overview
<b>MDC Data Mute May Cause Missed Calls during Scan</b>	The MDC Mute timer occasionally would be reset during scan, causing the radio to not unmute audio for scan calls. This has been corrected.