Technical Release Notes

Product: Quantum
Version: 6.3.1.1
Date: 03/2021

BUILD

Quantum version 6.3.1.1 approved for use.
The product software version is available from VOSS.

SOFTWARE FEATURES & CHANGES

- BDS Phase 3 and GAL Extended Range Correction Support

VERSIONS

The version of components contained within this build are listed below:

Component	Version
Quantum	6.3.1.1
Graphics	6.3.0-4
Engine	6.3.1.1

QUANTUM COMPATIBILITY

The following table details which receivers are compatible with this version:

VERIPOS Receiver	Version
LD5-C	10.00.00.06
LD6-OEM617D / OEM7720	105.5.0.1
LD8	3.0.0
LD900	3.0.0

PC SPECIFICATIONS

The minimum specifications for Quantum software running on a PC are:

- Processor: i5 Processor @3.2 GHz (2nd generation or later)
- Memory: 3 GB RAM
- Hard disk: 250 GB
- Serial Ports: Optional
- USB: Optional
- Ethernet: 1x RJ45
- DVD +/- R: Optional
- Display: 17” VGA (minimum resolution 1280 x 1024)
- Peripherals: Mouse & Keyboard
- Operating System: Windows 7 (64 bit) or Windows 10 (64 bit)

KNOWN ISSUES

The following are known issues with Quantum version 6.3.1.1:

- Imported configurations must be named differently from the currently available configurations in Quantum. Configuration name changes must be made to existing Quantum configurations.
- When actioning a reboot of the LD8 receiver through the Quantum 'Receiver Actions' feature, a re-connection attempt to establish a connection to the LD8 after receiver reboot may be required.
- Updating the NMEA output rate, while also selecting or deselecting messages, will re-select deselected messages.
- When applying an Auth Code to an LD900, if the wrong code is entered the software will display a success message. Where the format of the code is incorrect this will be detected and reported correctly.
- When no MF signal is locked on, the LD900 the MF tile will report a station ID of 1024.
- Occasionally when changing Quantum connection to a different receiver the software will crash.
- Changing the receiver type within the active configuration can lead to an application crash. It is best practice to create a new configuration when changing the receiver type.
- Once a receiver factory reset has been conducted, users may need to reboot Quantum for the receiver configuration to be displayed correctly.
- The application of a receiver AUTH code may generate an error message 'Failed to Apply Auth code, Please Try Again'. The user should reboot Quantum and recheck, as the Auth code may have been applied correctly.

SOFTWARE APPLICATION

To install Quantum onto a PC which has not had any version of Quantum installed previously follow steps below:

1. Copy the "Quantum_v6.3.1.1.zip" file onto the user PC.
2. Unzip the folder.
3. Install the Quantum software using the Quantum_Installer_6.3.1.1.exe file

To install Quantum v6.2 onto a PC which has previously had a version of Quantum installed follow steps below:

1. Uninstall any Quantum versions from the user PC.
2. Reboot the user PC.
3. Copy the "Quantum_v6.3.1.1.zip" file onto the user PC.
4. Unzip the folder.
5. Install the Quantum software using the Quantum_Installer_6.3.1.1.exe file