



Nautel Software Bulletin

October 16, 2012

Nautel NV Series V3.2.4 Release Notes

If you have been advised by our customer service department to upgrade or if you have experienced problems addressed in this software release please proceed with the download.

The most significant improvements with the latest version include:

Version 3.2.4 – Released October 16th:

- This release resolves an issue where by the FPGA ID changes undesirably but predictably versus elevated temperature. This would render the exciter unusable as the DSP would no longer consider the FPGA licensed to operate. The DSP now tries a few predictable permutations to the ID (based on the known behavior change versus temperature). Symptoms are, ie: lack of RF out of the exciter until it cools down and is reset.

Version 3.2.3 – Released September 11th:

- This release is customer specific.

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Recipients of Nautel bulletins will receive information on software updates, product notices and other information affecting users of Nautel equipment.

Nautel Customer Service

Tel: 1-877-662-8835
Intl: 1-902-823-3900

support@nautel.com

[Start an online chat session with Customer Service \(7:30 AM – 7:30 PM EST\)](#)

Follow the link below for the latest files. Files may be safely transferred using flash drives or “copy and paste”.

[NV Series Software V3.2.4](#)

For record keeping purposes please notify customer service via email when software update is complete.



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Version 3.2.2 – Released August 21th:

- Resolved an issue where the transmitter, while operating in FM+HD or HD mode, would not recover if a quick ac interruption occurred (quick enough where a Low Ac Alarm was not detected) and the transmitter control system (specifically the exciter) was being powered by an external UPS.
- Resolved issue where a false Combiner Match alarm would occur if a quick ac interruption occurred (where a Low Ac Alarm was not detected) and the transmitter control system was being powered by an external UPS. Resolved a behavioral issue where a false Combiner Match alarm would occur if ramping up into a pre-existing VSWR.

Version 3.2.1 – Released February 20th:

- Resolves issue observed in Combined NV transmitter controlled by SC1, where the analog power cal factor was not being updated correctly in all cases. This release only affects combined systems operating in IBOC modes.

Version 3.2 – Released February 7th:

- Nautel strongly recommends this software update be done ASAP.
- Corrects issue where the exciter RF output would increase significantly for a short burst during a mode change or ac cycle; increasing the risk for PA input damage. It is highly recommended that this software update be installed as soon as possible.

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