



Nautel Software Bulletin

October 29th, 2009

Customer Notification: NV Software Update 2.7

On October 29th, 2009 Nautel released version 2.7.

Please note that it is not necessary to upgrade 2.6 before 2.7

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.

For Software 2.7 the information sheet to use is IS09004D

The most significant improvements with this version include:

- AUI (Hardware Configuration -> Miscellaneous Menu) now has ability to select which input (AES1, AES2 or Optical) is mapped to the Primary Digital and Secondary Digital inputs.
- Interlock Open alarm and SWR/Reject Power/Forward Power Shutdown alarms changed to severity level 10 – causing Status button to turn Red (instead of Amber) when active.
- Presets menu changed use of Off/On and No/Yes to Disabled/Enabled to be more consistent. There were also some other minor name changes to be more intuitive and consistent.
- Watchdog Reset pulse duration increased from 0.25s to 1s (increased reliability of detection).
- Notification Database limit increased from 128 to 256 (corruption occurred above 128). Limit increased until permanent fix is available.
- AGC Limiter had Enabled/Disabled reversed.
- AGC Limiter Time Constant units were incorrect (should be us, not ms).
- RDS PI Keypad (hex) crashed when "0" was entered.
- Controller Debug Port was constantly issuing nuisance debug information.
- Port Forwarding now functions.
- RDS Phase and Pilot Synch Phase fields sent 1/10 of the value entered to the exciter. Scaling error.
- RF Drive Power sample curves follow Exciter power curves more closely. Upon upgrading to NV SW 2.7 user must set "RF Drive Power" scaling to 1.000 temporarily; then turn on in FM mode (enables exciter RF output); then recalibrate to make "Controller – RF Drive Power" read the same as "Exciter – Forward Power" (active exciter). For dual exciter systems, calibrate for a value that falls between exciter A and exciter B forward power (a trade off in error).

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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

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Start an online chat session with Customer Service (7:30 AM - 7:30 PM EST)

Follow the link below for the latest TGZ file and Information Sheet. Please do not email TGZ files as this may cause corruption of the data. Files may be safely transferred using flash drives or "copy and paste".

[NV Software Ver 2.7](#)

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