

MTS / T-BERD 8000 V2 B15114 RELEASE NOTE

Ste-Core Package 15114 (March 2015)

- Boot V5.80 (27/Feb/2015)
- Linux Kernel V7.10 (27/Feb/2015)
- File System V5.22 (09/March/2015)
- Instrument Setup V14.04 (12/March/2015)
- Microscope V14.04 (12/March/2015)

Ste-Optical Package 15114 (March 2015)

- Fiber Optics V14.04 (12/March/2015)

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T-BERD/MTS 8000V2 Base Unit

Improvements

- Improved warning messages when function not selected or already used
- Improved handling of 2 B/C/D modules within the same 8000V2 platform
- SmartAccessAnywhere icon remains pressed when active
- Talkset icon no longer on at power on
- Improved talkset/datalink management
- Verification of compatibility of firmware version between units for datalink/OEO management

FO Functions

New functionalities

- Ability to save .SOR+.PDF+.TXT files

Improvements

- Improved management of filenaming between manual entry and autostore (now max 40 characters)
- Improved management of filenaming when storing .txt and .pdf
- Improved page layout on PDF reports with long table of events
- Faster PDF file generation
- Better management of 8000V2 platform having 2 or more MM/Quad OTDR modules
- FO Metadata now available on PDF and txt reports for FO functions (also used by Stratasync)
- Better management of function icon selection when using the arrow keys

OTDR

New functionalities

- One configuration file per OTDR function
- New Cable Commissioning license
- Management of 265 000 acquisitions points on 6KAV2 and 8000V2 for B/C/D modules

Improvements

- Load trace+config improvement to consider correct pulses on HD VHD UHD MR LR et VLR modules
- Improved auto-configuration when large bends present on network
- Improved management of fiber end detection when high reflections along the link
- Improved management of pass/fail with launch cables
- On quad OTDR, improved management of small drop before Fresnel
- Improved optipulse management

- Improved acquisition time information in standard SOR Telcordia file
- FTTH-SLM: addition of fiber number field into filenaming
- Improved PDF reporting with launch cables
- SmartOTDR: rename of SmartOTDR to SmartTest
- Improved management of the display of slopes (now only shown in manual measurements mode)
- BidirOTDR: improvement management of “lock marker” function
- Improved management of zoom and cursors with launch cables
- Improved management of specific keyboard for filenaming, this according to the SLM application
- Improved management of splitter analysis, if more than 3 splitters
- Improved automatic acquisition after a load+config of a file
- Improved autozoom when moving from event to event
- Improved Fast report menu, this according to the SLM function
- Improved recognition of B/C/D modules in 8000V2 platforms
- No longer warning error which cancels the OTDR module selection right after V13.xx firmware upgrade, when activating the function and then going to Setup page
- Improved pairing between launch cable set in distance and existing event
- Improved management of “acquisition error timeout” at OTDR function activation or at the start of an acquisition
- Improved management of range in auto mode with multiple wavelengths
- BidirOTDR: improvement on “test same fiber” check

Fcomp

Improvements

- Improved management of reference process messages

MTAU

Improvements

- No more message when going from manual to auto mode

CD

Improvements

- Improved max CD threshold for 100Gb/s
- Addition of specific telecom wavelengths setting

OSA

New functionalities

- HR-OSA: addition of “3pm” resolution
- Ability to generate OSA PDF reports from the explorer

Improvements

- Improved noise measurement for OSNR, taking into consideration the channel limits
- Improved management of long term monitoring files

Scope

New functionalities

- Autostore now available

Improvements

- The scope extraction does not stop anymore a function acquisition
- Improved management of scope, when moving from home/system page to setup page

Script

New functionalities

- Script now available with soft key on home page
- Ability to generate PDF reports within the script

Improvements

- Improved synchronization of fiber number between units