

# MTS / T-BERD 6000A 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 6000AV2 Base Unit

### *New functionalities*

- On 6KV2 capacitive touchscreen, new multitouch functions (zoom, table of events...)

### *Improvements*

- Improved warning messages when function not selected or already used
- SmartAccessAnywhere icon remains pressed when active
- 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
- 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
- New FTTA extended license
- Management of 265 000 acquisitions points on 6KAV2 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
- 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

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## Fcomp

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### *Improvements*

- Improved management of reference process messages

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## MTAU

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### *Improvements*

- No more message when going from manual to auto mode

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## CD

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### *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 any more a function acquisition
- Improved management of scope, when moving from home/system page to setup page

## Script

### *New functionalities*

- Script now available on 6000AV2 platform
- 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