

# MTS / T-BERD 6000A V2

# B14333

# RELEASE NOTE

## **Ste-Core Package 14333 (August 2014)**

- Boot V5.30 (24/July/2014)
- Linux Kernel V6.92 (13/August/2014)
- File System V5.02 (31/July/2014)
- Instrument Setup V13.02 (29/July/2014)
- Microscope V13.02 (29/July/2014)

## **Ste-Optical Package 14333 (August 2014)**

- Fiber Optics V13.02 (29/July/2014)

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## T-BERD/MTS 6000AV2 Base Unit

### *New functionalities*

- Ability to set Ethernet with autonegociation off

### *Improvements*

- For remote control commands, ability to handle “\n” on warnings
- Improved On/Off mechanism
- A warning is now provided when the disk free space reaches 5% of capacity
- When a directory is created, the cursor is then located at this given directory
- Improved management of 3G/4G dongle
- Improved management of tethering communication with iPhone 4S
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- Updated translations

## FO Functions

### *Improvements*

- Improved talkset/datalink management
- Improved handling of the PDF generation with multiple functions
- When “copy setup to all” is selected, a confirmation is now requested

## OTDR

### *New functionalities*

- FTTA-SLM: different topologies can be selected (SmallCell, RoofTop, DAS...)
- Addition of jod ID under link description

### *Improvements*

- Optipulses: With short acquisition, suppression of the noise area after the useful part of the trace
- Optipulses: improved management of automatic optipulses with integration of launch cable information
- Optipulses: On short acquisition, management of only one pulsewidth
- Improved PDF report
- BidirOTDR tab: this tab is now aligned with the different OTDR evolutions (trace, zoom, cursors...)
- Improved display refresh during real time measurement with cursors
- Faster PDF report generation
- When launch cable is used, the 0 distance axis starts at the end of the launch cable

- With touchscreen displays, the selection between trace only and trace+table now also available by clicking into the mini-trace located on top left of the screen
- A new acquisition reset the “fast report” key
- Improved positioning of receive cable when a distance is set manually
- FTTA mode: improved management of fiber coding of Rx-Tx
- Improved management of realtime display when power meter tab is also available

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## Fcomp

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### *New functionalities*

- New distance measurement now available during bidirLTS measurement

### *Improvements*

- Improved warning information with FO-1100 error
- Addition of a beep at the connection between the two instruments
- During referencing process, “Init Refs” key is now changed to “Factory Refs”
- Better use of touchscreen on the table of events (scroll bar, ...)
- During referencing, “Attenuation too high” now provides information about its high loss
- Improved 1310nm IL/ORL measurement process
- Improved management of referencing
- Improved management of pdf report in cable view
- Improvement of automatic selection/de-selection of OTDR with OEO functions while two units are connected with FiberComplete function
- When bidirOTDR is selected in Fcomp, then at the press of the Start key, the datalink is automatically activated

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## BBS

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### *New functionalities*

- The serial number of the module is shown on the result page

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## PMD

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### *New functionalities*

- Ability to add DGDeff pass/fail thresholds with I-PMD module

### *Improvements*

- Improved setup menu, in line with the other optical functions

## CD

### *New functionalities*

- Addition of a summary table

### *Improvements*

- Improved setup menu, in line with the other optical functions

## AP

### *New functionalities*

- Addition of a summary table

### *Improvements*

- Improved setup menu, in line with the other optical functions

## OSA

### *New functionalities*

- HR-OSA: In-band OSNR measurement now possible with 40G dual-polarization signals

### *Improvements*

- Improved setup menu, in line with the other optical functions
- HR-OSA: ability to define an ITU grid

## Scope

### *Improvements*

- Improved setup menu, in line with the other optical functions
- Improved report generation menu directly from result/setup page
- Auto increment also available when storing in PDF format
- More scope profiles available and automatic adjustment of tip according to the given profile
- Better management of the keyboard
- If the scope version is smaller than 1063, at first connection, a message advises to upgrade to a more recent version

## Script

### *New functionalities*

- Ability to generate a PDF report

## *Improvements*

- Fiber number 0 no longer possible
- On the edition of field, we no longer enable a space at the end of the field
- Renaming of some fields on the txt file
- During the script, now the user can go to the function tabs, this by pressing the “Result” key. Then to go back to the script, press the “Script” key
- Ability to auto populate the distance from the OTDR into the other function tabs (PMD, CD, AP...), with on the distance field a choice between “unknown” or “distance”
- Improved management of directory naming having fiber numbers
- Change of the text of some information and warnings
- Attenuation values no longer reported in negative values
- Correction of issue generating “no more free system memory” message