Status of Repeater System for SVD 2.0

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MAMBO Functionality *(to remind)*

- **LV – Power Regulators**
  - For “N” side REBO
  - For “P” side REBO
  - "Common" REBO “N” and "P" and MAMBO
  - LV power supplies
  - Slave TTM
  - LVDS receivers
  - Bias Voltage Positive and negative
  - HV power supplies
  - LV – Power Regulators
  - REBO “N”
  - REBO “P”
  - REBO “N, P”
  - OPTO Isolator
  - Readout Timing JTAG Control
  - Fan out
MAMBO

- One MAMBO board produced and tested
- During test we did not find any serious problem
- Changes of design and final design of PCB done
- Production of PCB done
- Loading of components in progress. *(for more information please ask Richard, Thomas and Dick)*
- Board not tested with full load.
- Possible full load test at Princeton in June.
- Initial test of 15 Boards at Princeton in June final test inside docks at KEK in July – August.
REBO

• Two boards are produced and tested with hybrids and with silicon sensor.
• Boards tested with new TTM.
• Changes of design for final production done.
• PCB boards produced.
• Loading of components in progress. *(for more information please ask Richard, Thomas and Dick)*
• Initial test of 80 boards in June at Princeton.
• Final test inside shielding boxes in July at KEK.
Schedule

• We are more or less on the schedule
• June initial test of MAMBOs and REBOs at Princeton
• July-August final test of DOCKs with dedicated power supplies and final cooling system.
• August – September system test and installation
• If we are lucky: late October ready for operate.