

WP7 “cable meeting”

Follow up many but not all issues that has some relation with electronics , DAQ and electrical infrastructure.

Example : HTRS test , KIT vacuum control cabinet “ordering”

Do not cover activities for WP6 , so hope these days to see what happens there ...

“organization”

weekly meeting

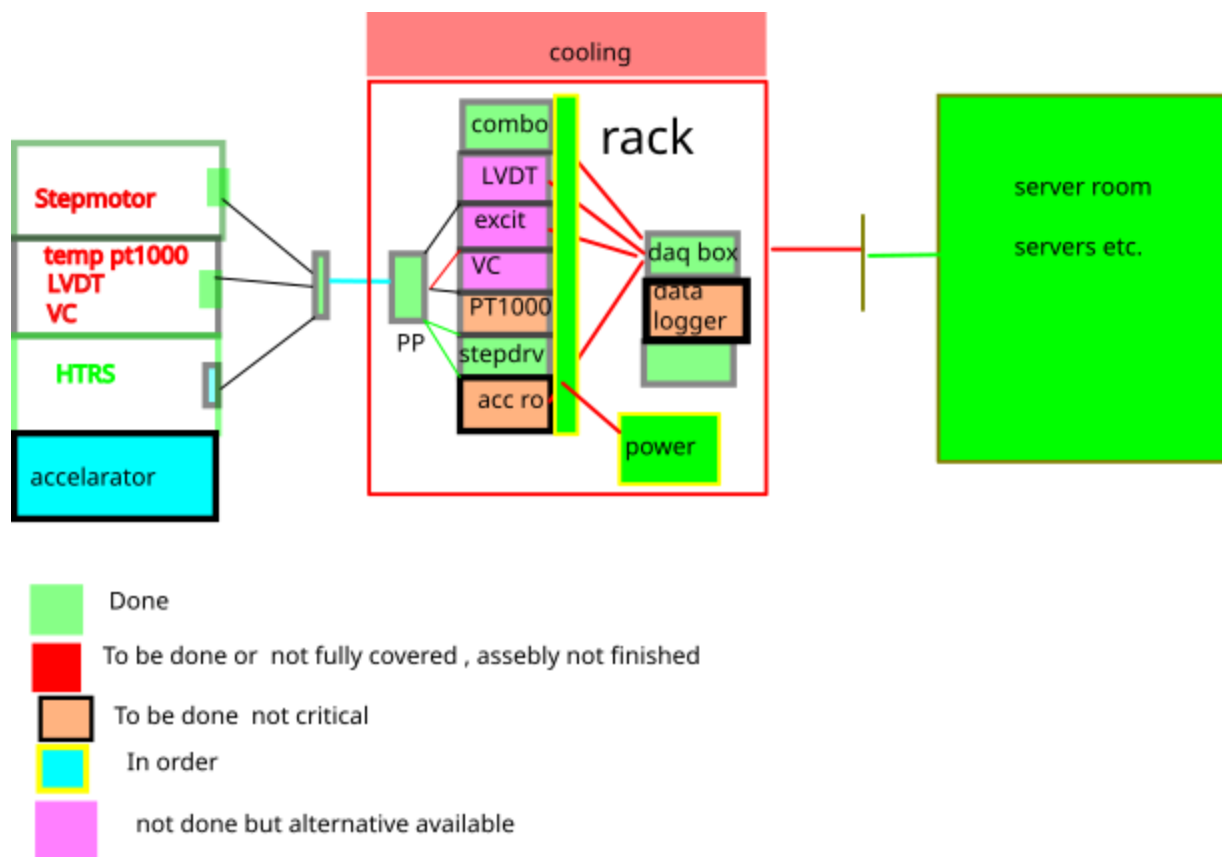
chair : Wilco Vinc NIKHEF

NIKHEF Electronische Technologie engineers (Hans , Mohamed , Guido)

NIKHEF Paul, Bas

Uantwerpen : Wim . Eric , Joris

on request : Mathijs , Kenny , Joris van Heiningen. Etc.



1. Status :

- Infra structure
 - 220V power late , alternative extension cord(s) from the wall sockets
 - fibers , timing , ethernet cables inside the clean room distribution to be ordered waiting for final routing
 - monitoring ????
- In vacuum :

- In vacuum cable with assembled cables deliver in March considered to be done (for all 6 towers)
- device connectors , available
 - subD 9 connectors delivered , pins (no shells)
 - small open issue **grounding tag** , **assembly with (crimp) pin**
- stepper motors , **assembly in progress** , some small issues , target 20 should be ready before March needed
 - **are all motors for the BST delivered ?**
- Feed trough status , 2 needed
 - delivered , **retested ?**
- **Accelerator housing** , ordered late arrival
- PT1000 ordered
- Feed trough to rack cabling (“sub D 25 cabling”)
 - **ordered** in case of late delivery alternative cables can be used.
- in rack suspension electronics
 - Patch panel done
 - LVDT combo electronics **need final testing** , (*components replacement*)
 - LVDT electronics not ready , replace by **LVDT combo boards assembly ,testing**
 - VC driver **replace by LVDT combo boards assembly ,testing**
 - **Excitation fan out board production design critical** (alternative direct DAC)
 - **subD 9 to Lemo cables to be ordered**
 - Accelerator **design phase not critical**
- HTRS (4 , so 24 BOSEMS's)
 - Bosem electronics build (where ?) needed 3 satellite amplifiers , 6 VC drivers
 - **subD 9 to Lemo cables to be ordered (2x 6)**
 - **subD 15 to subD 9 cables between VC driver and satellite amplifier shielding has to be defined , to be ordered**
- DAQ
 - LAPP DAQ boxes (**final firmware ?**)
 - Data logger **to be ordered** not critical
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- Rack
 - configuration to be tested
 - 220V power distribution to be ordered
 - LV power units available
 - **LV power distribution to be installed**
 - **LV power cables HTRS to be ordered 9x** ,
 - **Water cooling not critical**
- Server room
 - **RT PC's to be installed**

2. Activities in Maastricht:

Details to be discussed tomorrow

Main focus point is all equipment and material available when it is needed.

How to make sure agreements are kept.

It is not sufficient to have manpower. To often available manpower is not used because of missing (small) items.

1. HTRS test / BOSEM calibration

February

2. Commissioning suspension BST

1. Outside the tower (build up phase)

- Testing connectivity which equipment

2. When placed in the tower , before vacuum

3. In vacuum