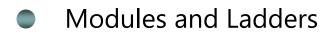




- 1. Phase2 schedule main milestones Carlos
- 2. Overview Laci
- 3. Module situation overview Christian Koffmane
- 4. Ladder Assembly and Ladder Mounting Hans-Guenther
- 5. services Stefan
- 6. DHH situation Igor
- 7. Onsen situation Soeren
- 8. Slow Control Michael
- 9. Installation procedure, cabling ??
- 10. AOB personnel at KEK ....





## $\triangleright$ Modules

- $\mapsto$  IF,IB at MPP tested by July 14 (Impress July 17-21)  $\rightarrow$  critical
- → OB, OF at BN/GOE by July 28, ship modules to MPP
- → Modules ready at MPP July 31
- $\triangleright$  Ladders
  - $\mapsto$  Mechanical dummies L1 for ladder assembly testing  $\rightarrow$  done?
  - → Electrical modules:
    - → L2 finished: W31-OB1&W30-OF1, OB is functional → test OB1 July 24-28 at MPP
    - → L1 W37-IB&W31-IF, both are functional
      - → Assembly July 10-21
      - → Test July 24-28 at MPP (basic: pedestals, noise, sensors currents)
- ▷ Phase2 Ladder Assembly
  - → July 31-August 4
  - → Ladder test August 7 -11 at MPP





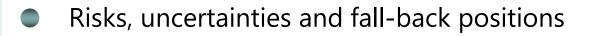
- ▷ Ladder Mounting
  - → Practice with mechanical dummies till August 11
    - → L2: W28-OB2&W28-OF2
    - → L1: mechanical dummy which was just made
    - → Progress report before July 28 for break point, ladder gluing phase 2 is stopped, if negative
  - → Phase 2 ladder mounting to SCB at MPP and transport to PERSY August 14-18
- $\triangleright$  Tests at Persy from August 18
  - → Is ONSEN available?
  - → DHH system?
  - → PPs, Dockbox PCBs, patch for GCK?, CameraLink Cables, power supplies
- ▷ Equipment to KEK September 4, ladders a bit later
  - → No PERSY anymore, no testing
  - → Ladders on halfshell to KEK Sept. 11 → Sept 18 at KEK





GCK patch for Phase2 (dockbox PCB with CLC connector, what are the DHE side con.?)

- ▷ Option 1 (possible phase3 solution)
  - → Long CLC cable with patch PCB ("pre-emphasis") at DHE (cables available)
  - → Patch PCB design and production July 10-July 21 (Martin with input from Hans and Igor)
  - → To be tested at BN July 24-28, know then if it works
- $\triangleright$  Option 2
  - → Short CLC cable from dockbox PCB to adapter card, then long Infiniband+RJ45
  - → 3m CLC from Stemmer ordered, expected to be at HLL by July 14
  - → Send to BN (Leo) to test configuration "short CLC-available interface PCB-Infiniband+RJ45" July 17-21
  - $\mapsto$  **Produce now** more Interface cards with existing design for Phase2  $\rightarrow$  Igor
    - → Mechanics at dock box?
  - → Order now 8 short (how short) cables at Stemmer, lead time 3-4 weeks, available by August 11
  - → Are Infiniband cables available? additional cables for RJ45? **Order now**
- $\triangleright$  Option 3
  - → DESY-made long Infiniband<sup>++</sup> cable with camera link connector on dockbox side
  - → Produce prototype cable, time needed?
  - → Testing at BN with prototype
  - $\rightarrow$  Time to produce ~7 additional cables?





## ▷ Critical points and workaround:

- → Ladders assembly go/no-go
  - break point is July 28, after L1 and L2 functional ladder test and status report from ladder mounting at MPP
- → Availability of PERSY August 18 to Sept. 4
  - → re-shuffle ONSEN plan
- → GCK patch not functional
  - $\mapsto$  Run at lower clock
- → GCK patch late
  - → Tests at Persy at slower speed, then upgrade at KEK before September 20
- → High workload at MPP test stand: module testing and ladder testing
  - → Skip ladder assembly and ladder testing, same break point as above July 28