

● Agenda

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

● Modules and Ladders

▷ Modules

- ↳ IF,IB at MPP tested by July 14 (Impress July 17-21) → critical
- ↳ OB, OF at BN/GOE by July 28, ship modules to MPP
- ↳ **Modules ready at MPP July 31**

▷ Ladders

- ↳ Mechanical dummies L1 for ladder assembly testing → 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

▷ 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

▷ 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 Issue

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

▷ 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
- ↳ **Produce now** more Interface cards with existing design for Phase2 → 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**

▷ Option 3

- ↳ DESY-made long Infiniband++ cable with camera link connector on dockbox side
- ↳ Produce prototype cable, time needed?
- ↳ Testing at BN with prototype
- ↳ Time to produce ~7 additional cables?

- Risks, uncertainties and fall-back positions

- ▷ 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 ONSSEN plan
- ↳ GCK patch not functional
 - ↳ 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