

LMU München - Excellence Cluster Universe

## PS & Services – Status and outlook

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## PS system:

- Main Production
- PS system

## Services:

- Patch Panel
- Dock boxes
- Power cables

## Power supplies:

- Hardware available including the OVP
- After finishing ~18 units for KEK-PF focus is on the commissioning of the PXD units
- OVP-Detectorsystem integration ongoing

## Mechanics / System:

- Crates and fan units are available
- 3 primary PS's on stock, fourth ordered
- Backplane and Crate Controller have been shipped to DESY this week





## Power cables for commissioning at DESY:

- 40 x 14m power cables are in stock at DESY
- 36 x 14m are available at LMU for testing
- 11 x 14m are in production, shipping expected within 2017

## Camera-link cables:

- First batch of 10 is available at DESY
- Delivery of 27 expected in week 45
- Delivery of 10 scheduled for week 47

## Fibers DHH-Dockbox:

- In stock at LMU
- Several fibers at TUM for system tests
  - Replace those by cheap commercial fibers?



## Dockbox:

- Latest design was successfully used at DESY
- GCK issue not fully settled
- Mass production is on hold
- All connectors and passives are in stock
- Without design changes lead time for ~45 PCBs 10-15WD
- Production within 15-20WD

## PP:

- Latest design was successfully used at DESY
- Mass production can start once collaboration gives its ok
- All cables Glenair, Infiniband are in stock
- Design of mechanics available, lead time 10WD
- Lead time PCB's 10-15 WD
- Soldering will determine availability since it is time consuming

# Backup