**Points to discuss**

**UHV section**

1. Viewports will arrive together with TDS viewports within 6 weeks (early April)
2. Undulator pipe, update of suggestion
3. We should discuss the procedure of mounting the mirrors to get them aligned. Simple guide laser suggested
4. Clean room should be implemented
5. Suggest to change viewports, undulator-pipe and insert mirrors simultaneously

**IR-vacuum section**

1. Installation by Antonio asap in march, for testing and getting to know the system
2. Installation of mirror mounts as soon as system is thoroughly tested and proven

**4D-system**

1. Tested as good as we could between 1-600 pulses.
2. Very divergent beam but good results from what we could see
3. Will need to be retested with re-routed beam that is collimated and over longer distances
4. Since the system is integrated with the automated routing system it will be retested in march

**Routing system**

1. Promising results of tests but not ready yet
2. Implementation of apertures will be made to improve performance further
3. TEM has not yet changed the cables to vacuum cables
4. System will be delivered in march

**Timing discussion**

It was mentioned again that the synchronization may drift and now the pulse length has been decreased to a few ps. As mentioned before this has to be tested on the fly with a cross correlator to make up for. We have additional space made for that within the laser cover of the big laser table in the tunnel which will give opportunity for implementation. Cross correlator signal can be implemented in the 4D stabilization system where one of the active mirrors can have three piezo actuators.

**Beckhoff boxes and cameras**

1. Boxes are reprogrammed at DESY
2. Will test all actuators, rotation- and translations stages, to reconfigure the system
3. Will make DOOCS interfacing pages

**Send rough idea of time schedule for organization to Frank**

**3 days for installation of optics**

**2 days of restricted access**

**9th the routing system must be here**

**Thomas must participate during routing**