

# Bi-Weekly Meeting

## Minutes of bi-weekly meeting

### Document History

Revision	Date	Changed/ reviewed	Section(s)	Modification
1.0	2008-08-06	gjansa	All	Created.

## 1. MEETING MINUTES

These meeting minutes were written by Gasper Jansa.

Date: 2008-08-05

Location: GSI, Darmstadt

Duration: 15:00 - 16:30

Attendees:

- Marcus Schwickert (GSI-SD)
- Udo Rauch (GSI-SD)
- Kevin Lang (GSI-SD)
- Tobias Hoffmann (GSI-SD)
- Piotr Kowina (GSI-SD)
- Peter Forck (GSI-SD)
- Klaus Höppner (GSI-BEL)
- Gasper Jansa (Cosylab)

## 1.1. PROGRESS REPORT

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### Cosylab

- Last two weeks and Initial work
  - At Cosylab:
    - Initial work on requirements and use cases
    - Initial work on design
    - Libera setup
    - SFP test programs (send and receive) with buffer handling
    - FESA development environment setup
  - At GSI
    - Libera CSPI tests
    - Libera Generic server modification and tests
    - SFP port tests, switch setup
    - Discussions, Project Management
- Next two weeks
  - At Cosylab:
    - Add calculations to SFP tests (averaging, FFT) and multithreading
    - Example FESA class for Data on Demand acquisition
    - Simple GUI for example FESA class
  - At GSI:
    - Use cases and requirements
    - Example FESA class for Data on Demand acquisition

### GSI

- Last two weeks
  - SFP ports
- Next two weeks
  - SFP ports
  - Use cases and requirements

## 1.2. GENERAL DISCUSSIONS

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- Meeting to define use cases and requirements will be held on Monday 11.8. at 14.00

- For requirements regarding timing the following questions should be answered:
  - What functionality do we need?
  - Do we need absolute time?
- Peter : For SIS100 upgrade to think about bunch splitting
- FESA update to 2.10 will be possible at the end of the August due to relevant people at CERN are not in the office (Klaus Höppner will also not be in the office in the first two weeks of September)
- Due to long shutdown (from end of October to the end of year), data will have to be simulated
- Raw data use case: to think about possibility to gather data for more than 0.256 s.
- Piotr: Amplifier also needs to be integrated. To be discussed.
- Piotr: Calibration has to be discussed.
- Kevin: Possibility that could be problem sending raw data over SFP ports with respect to losing packets.