



PM report June 3, 2009:

- **Review Reports**

- AAP report distributed Friday May 15

- Our side comments / response not yet (mid-June?)

- Input?

- PAC

- Report in draft

- (PAC concurred with AAP where appropriate)

- (US)ART

- Draft – written report by mid-June

- Expected to include strong support for gradient, CFS and positron activities



Meetings

- **CERN**
 - CLIC / ILC collaboration Steering Committee + ILC EC
 - ILC EC + Cern Directorate (both June 12)
- **Tesla Technology Collaboration**
 - Orsay, June 16-19, 2009
- **DESY / JINR-GSPI**
 - DESY, June 25 – 26, 2009
- **FALC**
 - Quebec, July 12 – 13, 2009
- **ALCPG09**
 - Albuquerque, Sept 29 – Oct 3, 2009
- **CLIC 09**
 - CERN Oct 12-16, 2009
- **TDP1 AAP Review – early January 2010**



Reports Due:

- **Monthly PM report**

- 10th of each month – rotation through Technical Areas
 - (May – SRF, June CFS/Global, July AS)

- **R & D Plan**

- Release 4 due for draft distribution to FALC – Resource Group
- Rel 4 will have updated global resource tables.
- *Please read release 3 – front matter and appendix B and send updates / corrections*
- R & D Plan will include references to changes in plan; an historical, traceable, record
- R & D Plan will not include a compendium of completed work
- Resources must support baseline design development



DESY Accelerator D / I meeting

- **PM summary in draft now**
- **Key points (mcr – to be signed off):**
 - Klystron ‘cluster’ analysis (late 2008) to be used as a model for cost comparison wrt RDR
 - (Low power option taken as given)
 - both HLRF options (2a / 2b) to be studied for each of the 3 sample sites
 - Utility costs also evaluated for each sample site
- **2010 - : Baseline which includes alternatives**
 - Allows flexibility; maintains solid cost basis



Single tunnel

- **Adoption of single tunnel for main linac:**
 - Review safety analysis in each region and consider solution(s) as required
 - (similar to utility cost for each region)
 - Existing documents / documents under development:
 - Initial idea of a definitive document – difficult
 - CERN will produce an ‘LHC chapter’
 - KEK have produced a draft
 - Fermilab have evaluated NFPA 520; and will develop draft based on that
 - Consultant to start soon
- **The ‘exec’ summary of the above will be the ‘definitive document’ and will be used to support the single tunnel recommendation to AAP - ALCPG**



CLIC / ILC 'exec' meeting

- 1) Mention of recent / upcoming noteworthy events associated with your WG, such as workshops etc.**
- 2) Listing of ongoing activities**
- 3) Updated mandate - i.e. What will be reported at ALCPG09 and Clic09 in four months**
- 4) Issues and concerns.**



DESY / JINR-GSPI

- **Geotechnical report in translation by Andrey Dudarev (presently at CERN??)**
 - “Besides, Andrey Dudarev is at CERN now up to the end of May. It will be a good occasion to be involved more deeper in the CFS activity for him and I would ask him to contact with John Andrew Osborne at CERN during this period of time. Grigory Trubnikov is at CERN now for a couple of days and can join to Andrey as well”
- **Thus, the delegation of GSPI:**
 - Vasily KOZHANOV
Afanasy KRESTININ
- **The delegation of JINR:**
 - Grigori SHIRKOV
Grigory TRUBNIKOV
Andrey DUDAREV
Ioulian BUDAGOV



Meeting prep (per A. Seryi)

- 1) Understand the GSPI study**
- 2) GDE/ILC-HiGrade/JINR Report on GSPI Study**
 - This should be a <10 pages report
- 3) Integration with the ILC CFS group**
 - (GDE/ILC-HiGrade/JINR Report).
 - Concrete steps to accomplish that are:
 - a) Translations of titles of Chapters, and captions of Tables and Figures of the GSPI report.
 - b) Volunteer a GDE colleague to write Table of Contents of the document, based on info from a) and also including GDE introduction about ILC, and its approach to site studies.
 - c) Write a draft of GDE intro for the document.