



TAGL Meeting

May 6, 09

Ewan Paterson

- Schedule for May 28,29 AD&I Meeting
- Style of meeting is all plenary sessions with Convener, Chairman and Session Secretary for each general topic.
- Detail of time allotted for each topic is still under development.
- Specific questions which should be addressed will be sent out next week



BEFORE AD&I Meeting

May 27, 09

- [Wednesday 27 May 2009](#) |
Wednesday 27 May 2009
14:00->17:00 **Pre-meetings with XFEL team**
Description: TBD. Possible meetings with XFEL team

- All day? **3D CAD**
Special face to face meeting of 3D CAD team

First cut for May 28

- **#Session** Title Schedule (preliminary)
Convener(s) Chairman Secretary Study elements (ref MM Prop.)
to include
- **1) Main Linac** - Cavity Gradient 10-11 **Yamamoto,**
Geng, Yamamoto, Kerby, Shidara Gradient recommendation
- **2) Main Linac** – High Level RF1130-13 **Fukuda,**
Adolphsen, Yamamoto, Kerby, Shidara, Klystron Cluster, DRFS
- **3) CFS** – Single Tunnel Configurations and central region
integration 14-16 **Kuchler, Osborne,** Ross, Carwardine
Removal of support tunnel, central region integration
- **4) CFS Regional Siting Issues** 1730-1830 **Kuchler,**
Enomoto, Ross, Carwardine Variants



First cut May 29

- 5) **Sources** 830-930 **Clarke,(Bailey)**,Walker,Urakawa Source consolidation, R & D on baseline, electron driven system, integration
- 6) **DR** 930-1030 **Guiducci**,Walker,Urakawa Impact of low power, integration
- 7) **RTML**11-12 **Solyak**,Walker,Lehner Single stage
- 8) **BDS MDI** 1213 **Seryi,Angal-Kalinin**,Walker, Lehner 1 TeV incremental cost, impact of low power, integration
- 9) **Integration**14-15 **Paterson**,Walker,Lehner Consolidated central region
- 10) **Cost estimating**1516 **Garbincius**,Ross,Bialowons



Comments and Conclusions(1)

- Very tight schedule which needs to make sufficient time available for discussions.
- Ignore listed times but the rest of the format will stay.
- PM's are working on time scheduling and guidance to Conveners in the form of questions to be addressed. These questions and guidance will go out next week after the PM's and I have more discussions this weekend in Vancouver. **SEE LAST SLIDE**
- The goal is to achieve consensus agreement on as many questions as possible or to agree on a schedule for decisions on others where more time is required.
- This will allow smaller groups, for example Costing, to proceed with work on a common set of assumptions. Simple examples are :- next slide



Comments and Conclusions(2)

- Q Can we agree that in studies of Low Power that Targets, Beam Dumps etc remain with original specification of power handling? But with contingency or not?
- Q Can we assume that regardless of the outcome of DR studies, that the RTML/Compressor system gets as input a Bunch-length equal to or less than 6 mm?
- The PM's and I would like input from the TAGL's on their favourite questions where clear answers would clarify issues and simplify their work on AD&I (alias Minimum Machine)
- Please e-mail them to the PM's or to me at
JMP @ SLAC.STANFORD.EDU
by the end of the day Friday May 8