

NCFE & Interfaces Meeting

17-18 January 2017

LNS-INFN

January 17th

Start-up

- 09.00-09.10 Welcome (S. Gammino) (10')
- 09.10-09.20 Introduction and scope of this workshop (S. Gammino) (10')
- 09.20-09.30 WP3 related issues and engineering responsibility assignment matrix (M. Lindroos)(10')
- 09.30-09.40 In-kind contracts and criticalities (M. Lindroos) (5' presentation + 5' discussion) (M. Lindroos)(10')

Presentation of the status of issues for each WU

- 09.40-10.00 Ion source & LEBT (L. Celona and L. Neri) (10' presentation + 10' topic findings for discussion)
- 10.00-10.20 RFQ (B. Pottin and A.C. Chauveau) (10' presentation + 10' topic findings for discussion)
- 10.20-10.40 MEBT (I. Bustinduy) (10' presentation + 10' topic findings for discussion)
- 10.40-11.00 DTL (A. Pisent and F. Grespan) (10' presentation + 10' topic findings for discussion)

11.00-11.30 Coffee break

Cabling, beam physics, and summary of this morning

- 11.30-11.50 Cable and rack installation issues (E. Vaena) (10' presentation + 5' discussion)
- 11.50-12.10 Open beam physics issues (M. Eshraqi) (10' presentation + 10' discussion)
- 12.00-12.50 Discussion about criticalities, resume and findings of the morning session, and other open topics (S. Gammino)
- 12.50-13.15 Specific discussion
- 12.50-13.15 BrightnESS Meeting (Aula A)

13.15-15.00 Lunch and visit to PS-ESS installation

Diagnostics, safety and lessons learnt

- 15.00-15.20 Well defined beam diagnostics issues adapted to each WU (T. Shea) (10' presentation + 10' discussion)
- 15.20-15.40 Safety issues, and radiation safety during installation and commissioning (L. Tchelidze and D. Phan by video link)
- 15.40-16.00 Lessons learnt and discussion about internal coherence of WP3 (S. Gammino) (10' presentation + 10' discussion)

Integrated Control System (ICS)

- 16.00-16.20 Architecture and schedule of integrated RF (Gonzalez Pedro J.)
(10' presentation + 10' discussion)
- 16.20-16.35 Planned integration of control system to Work Units (D. Piso Fernandez)
(5' presentation + 10' discussion)
- 16.35-16.50 Expectations from Machine Protection Systems (MPS) to Work Units
(D. Piso Fernandez) (5' presentation + 10' discussion)
- 16.50-17.05 Expectations from Personal Safety Systems (PSS) to Work Units (D. Piso Fernandez)
(5' presentation + 10' discussion)

17.05-17.30 Coffee Break

Physical interfaces discussions / parallel sessions

- 17.30-18.10 Interface between LEBT and RFQ
- 17.30-18.10 Interface between MEBT and DTL (Round Table)
- 18.10-18.50 Interface between RFQ and MEBT
- 18.10-18.50 Interface between DTL and LEDP (Round Table)
- 18.50-19.00 Wrap-up (S. Gammino)

19.20-19.40 Transfer to hotels

20.30-23.00 Dinner

January 18th

Installation and integration

- 9.00-9.30 Risks with transport and integration. Definition of scope split between WU and ESS
(F. Hellstrom, G. Hulla) (10' presentation + 20' discussion)
- 9.30-9.40 Room availability for storage and assembly – RATS (F. Hellstrom)
(5' presentation + 5' discussion)
- 9.40-10.00 Installation sequence and issues () (10' presentation + 10' discussion)
- 10.00-10.20 Rebaseline of ESS P6 planned early 2017, and preparation needed
(M. Lindroos, S. Gammino) (10' presentation + 10' discussion)
- 10.20-11.00 Planning issues not yet solved (M. Lindroos, S. Gammino)

11.00-11.30 Coffee break

Actions to be assigned and wrap-up

- 11.30-11.50 In-Kind Internship e Training (E. Tanke by video-link)
- 11.50-12.45 Actions to be assigned and topics missed (W. Wittmer)
- 12.45-13.00 Conclusions (S. Gammino)

13:00 - 14:30 Lunch

- 14.30 - 16.00 Beam Dynamics and commissioning 1h30' (Auletta A)
- 15.00 - 16.00 ISRC and LEBT Cable and Rack 1h0' (Round Table)
- 16.00 - 17.00 DTL Cable and Rack 1h0' (Auletta A)
- 17.00 - 18.00 DTL Integration and Transport 1h0' (Auletta A)