

Status of WPs concerned by L4 connection and to be reviewed:

- ABT equipment – W. Weterings
- Power – S. Pittet
- Beam Instrumentation – J. Tan
- Injection dumps – D. Grenier
- Vacuum – J. Hansen
- Cabling – C. T. Bovet, G. Minchev, J. Pierlot
- Rack Space – D. Hay
- Interlocks – B. Puccio
- Transport – C. Bertone
- Survey – T. Dobers
- Magnets – A. Newborough
- Applications – J.L. Sanchez-Alvarez
- CO, timings – J. Betz
- LLRF, TFB – A. Findlay, A. Blas
- C&V – S. Moccia

Equipment	Status March 2015	Action derived
ABT equipment	<p>+ All equipment planned to be installation-ready for end-2016</p> <p>- no spares</p>	
Power	<p>+ no major stopper for being ready with the converters by the end of 2016.</p> <p>- WU 130461 Booster Injection Stripping Foil Chicane converters must be treated as a crash program to speed up the purchasing procedure</p> <p>- WU 126816 Booster Injection Corrector Powering must be treated as a crash program to speed up the purchasing procedure.</p> <p>- Will not have enough optimization time to guarantee all the precision requirements for the beginning of 2017</p> <p>- Will not be able to provide the ramp down advancement with our current baseline.</p>	<p>S. Pittet</p> <ul style="list-style-type: none"> • start crash program in EPC • need re-baselining

Equipment	Status March 2015	Action derived
Beam Instrumentation	<ul style="list-style-type: none"> + most of the equipment planned to be ready - injection BCTs possibly delayed to 2017 (ALARA) - ring pickups which possibly available in 2017 (cabling) - SEM grid for injection matching: not ready for end-2016 	J. Tan, need re-baselining
Injection dumps	<ul style="list-style-type: none"> + H⁰/H⁻ dumps ready for end-2016. + Head/Tail dumps ready for end-2016. 	
Vacuum	<ul style="list-style-type: none"> + vacuum equipment for the injection should be ready in 2016 - BHZ11 and BHZ161 vacuum chambers could be on critical path if the prototypes are not satisfactory 	
Cabling	<ul style="list-style-type: none"> - decabling campaign during EYETS essential; no new cabling to be done before clean-up 	D. Hay, G. Minchev, follow up, dedicated meetings
Rack Space	<ul style="list-style-type: none"> - installation of 54 racks for EPC in BRF2 for L4 connection on critical path 	D. Hay, follow up, dedicated meetings

Equipment	Status March 2015	Action derived
Interlocks	<ul style="list-style-type: none"> + BIS will be ready for end-2016 - rack number where the interlock signal is provided is needed to establish the cabling request - WIC in LINAC 4 is only protecting magnets up to the Linac2 connection. The budget is being requested and for the PSB it will imply additional cabling request 	<ul style="list-style-type: none"> B. Puccio, submit DICs D. Hay, assign rack
Transport	<ul style="list-style-type: none"> + OK if confirmation is given 8-10 months before starting the work 	
Survey	<ul style="list-style-type: none"> + OK if tools are made available 	<ul style="list-style-type: none"> T. Dobers, make sure all tools are available
Magnets	<ul style="list-style-type: none"> + BI.BVT10 and all BI correctors ready in 2016 - special injection and extraction magnets will be ready only in 2018; mitigation measures exist but are not really desirable 	
Applications	<ul style="list-style-type: none"> - no status reported; number of applications to be written 	<ul style="list-style-type: none"> J.L. Sanchez, inventory and specs for the applications
CO, timings	<ul style="list-style-type: none"> - no status reported 	<ul style="list-style-type: none"> J. Betz, give status report

Equipment	Status March 2015	Action derived
LLRF, TFB	<ul style="list-style-type: none"> + LLRF update mostly done already and interlock (BIS) is planned. + Fibers/software for the synchronization with L4 will be available for end-2016 deadline + TFB ready for end-2016 - possible issue with RF bypasses: desirable to test the new bypasses during YETS 2016 	A. Blas give status of RF bypasses and TFB
C&V	- status report pending	S. Mocca give status report