Number	Chapter	Description	Who	Status
4	Organization & Coordination	The **access conditions** must be studied and defined in detail by the Coordination for HC (HCC) together with the Project Safety Officer, the Safety Coordinators, the SC Commission and the Groups concerned. The implication on the budget of HC must be evaluated.		Done
8	Organization & Coordination	HCC must conduct a study of the **Effects, Consequences and the Recovery from power cuts, power glitches and electrical faults**. This study will be carried-out in conjunction with AB/OP-TI that has accumulated knowledge on the sensitivity of the different systems to different types of failures; they will be assisted by TS-EL.	J.Pedersen, R.Saban, P.Sollander	Done
11	Controls & Communication	It is recommended that an urgent study be made of the impact of the de-synchronization error on all systems in case a solution cannot be implemented immediately. In addition, once a solution is agreed a plan must be drawn up for the corrective action to take on WorldFIP units that are already installed and potentially in use.	AB/CO, M.vanden Eynden	Done
12	Controls & Communication	The final qualification of each segment can only really be done once the cabling is finalized and the real equipment is attached to the bus. These qualification and acceptance tests must therefore be programmed and added to the HC planning.	AB/CO	Done

Number	Chapter	Description	Who	Status
13	Controls & Communication	It is recommended to check that all needs have been clearly identified and both the equipment specialists and the software teams agree on the planning for deployment.	HCC	Done
14	Controls & Communication	It is vital that such dry runs be slotted in at appropriate points within the framework of the other activities via the HCC.		Done
15	Controls & Communication	Sufficient effort is put to make the **post-mortem system** available for the first powering tests in December 2005.	AB/CO, HCC	Done
16	Controls & Communication	A careful check is needed to ensure that the planned deployment of the software infrastructure for the exchange of data between systems matches the need.	AB/CO, HCC	Done
17	Controls & Communication	Computers on the Wi-Fi in the tunnel must be able to connect to the Technical Network. It is urgent that the implications of the recommended security policy on the hardware commissioning be studied before implementation begins.	T.Pettersson, The Controls Board, IT/CS	Done
18	Infrastructure	P.Ciriani will study and renegotiate to adapt the **electricity contract** to the requirements of the present installation, commissioning and machine start-up schedule.		Done
26	Cryogenics	Negotiate and establish with the SC the detailed cryogenic conditions of forbidden, restricted and free access to the tunnel	AT/ACR, SC/GS, Ph. Lebrun	Done

Number	Chapter	Description	Who	Status
30	Electrical Circuits & Magnets	Special procedures must be put in place to cover the disconnection and reconnection of superconducting circuits; including the closed-orbit corrector power converters which have a long time constant (170 s) and high inductance (6H). Access training must cover the specific electrical dangers associated with LHC.	F.Rodríguez-Mateos, HCC, PSO, SC	Done
31	Electrical Circuits & Magnets	**Automatic analysis software tools** of the electrical behaviour of the magnets are developed along with a post mortem system.	AB/CO, HCC	Done
33	Electrical Circuits & Magnets	Studies to determine the required sensitivity of the quench detection during initial powering be made. Proper instrumentation exists for the **detailed measurement of the circuit characteristics** at first powering	F.Rodríguez-Mateos	Done
35	Electrical Circuits & Magnets	The voltage signals across the current leads of the 60 and 120 A circuits are made available to the control system and subsequently available in the Control Room for the commissioning of the circuits.	AB/PO	Done