EMC R&D TDR Planning I

1) Major decisions needed	2) R&D required to make decision
a) Forward endcap support structure design	Measure mechanical properties of LYSO
b) Rear endcap technology	Calculation of neutron radiation environment in vicinity of SiPMs
c) Scope of electronics rework on barrel EMC	Improved understanding of background rates
3) Manpower	
In place	Required
Institutions: Bergen, Caltech, Perugia, Rome I, QMUL	10 FTE physicists, 3 FTE engineers
Bodies (not FTEs) ~15 physicists, 2 engineers (new)	
4) Milestones	
Determine all inputs for FEC support structure design	0609
Decide on REC technolgy	0609
Order LYSO for beam test	0609
Prototype new or revised preamp design	0909
Conclude optimization of LYSO crystal production	1209
Conduct beam test of FEC module at Frascati	1209
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EMC R&D TDR Planning II

4) Status of WBS planning	
Level 4	In process at a more detailed level
5) Schedule (of TDR document production?)	
Decide on TDR phase responsibilities	0309
Reviewed draft of WBS, manpower est, and schedule	0409
Draft of preliminary document sections due	1009
Finalize preliminary document chapter	1209