

EXAMPLE (CMS CPT Milestones from Computing TDR)

11/4/2005

ID	Date	Milestones: Description and Verification	Status Progress	Notes Comments References Hyperlinks Dependent Milestones
CPT-201	31.07.05	First version re-engineered Event Data Model / Framework and low-level detector raw data		
CPT-202	31.07.05	Initial integration of baseline computing components		
CPT-203	30.09.05	First version of event processing applications for Cosmic Challenge		
CPT-204	30.09.05	Computing systems ready for Service Challenge SC3		
CPT-205	31.10.05	First version simulation application using re-engineered Event Data Model/ Framework		
CPT-206	31.10.05	First version calibration / alignment software infrastructure using reengineered Event Data Model / Framework		
CPT-207	31.10.05	First specification of procedures for CMS calibration and alignment		
CPT-208	31.10.05	First version high-level physics algorithms / objects using re-engineered Event Data Model / Framework		
CPT-209	31.10.05	Detector synchronisation procedures complete		
CPT-210	30.11.05	Demonstration of an analysis application for the Physics TDR using the reengineered Event Data Model / Framework		
CPT-211	31.12.05	Detector procedures and Software ready for Cosmic Challenge		
CPT-212	31.12.05	Computing systems ready for Cosmic Challenge		
CPT-2	31.12.05	Baseline Computing / Software Systems & Physics Procedures for Cosmic Challenge & Physics TDR		
CPT-401	31.01.06	Simulation and digitization software ready for CSA-2006		
CPT-402	31.03.06	Computing systems ready for Service Challenge SC4		
CPT-403	31.03.06	Detector and Physics Reconstruction ready for CSA-2006		
CPT-404	30.06.06	Computing systems at Tier-0, 1, 2 centres ready for CSA-2006		
CPT-405	30.06.06	Calibration, alignment, analysis and visualisation ready for CSA-2006		
CPT-4	30.09.06	Computing, Software, and Analysis Challenge (CSA-2006) complete		

CPT-501	31.10.06	Pre-production software system ready		
CPT-502	31.10.06	Computing systems re-visited based on CSA-2006 lessons-learned		
CPT-503	31.12.06	Demonstrate performance of HLT/offline reconstruction,		
CPT-504	31.12.06	Integration of Computing Systems at Tier-0, 1 and 2 centres 2		
CPT-505	28.02.07	Software complete: HLT, reconstruction, simulation (fast and full), calibration, alignment, visualisation, analysis		
CPT-5	28.02.07	Computing and Software Systems and Physics Procedures ready for data-taking		
CPT-601	28.02.07	Tier-0 centre and CERN Analysis Facility ready for pilot run		
CPT-602	30.04.07	Tier-1 and 2 centres ready for pilot run		
CPT-603	30.04.07	HLT/offline software systems ready for pilot run		
CPT-6	30.06.07	Tier 0, 1, and 2 Computing Systems Operational (pilot run capacity)		