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CMS Internal Note

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CMS Software and Computing Tasks and Deliverables

The CPT Project

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Abstract

This document describes the task breakdown and deliverables of the CMS CPT project, where:

"C" denotes "Computing and Core Software" (CCS);
"P" denotes "Physics Reconstruction and Selection" (PRS); and
"T" denotes "Trigger and Data Acquisition Systems (TriDAS) but, in the context of CPT, covers only the online software components of the TriDAS project.

Cross-project activities, notably the SPROM (Simulation PROject Management) and RPROM (Reconstruction PROject Management) groups are included.

It is intended to form *a starting point for discussions* that will ultimately lead to:

- a complete task breakdown structure for all CPT activities;
- descriptions of the main deliverables of each task;
- the definition of an organisational sub-structure for the CPT activities with L2 managers and clear reporting lines and channels of communication between the CCS, PRS, TriDAS and detector sub-projects;
- a schedule with well-defined milestones;
- a baseline estimate of the resources required to complete the project according to the required scope and on schedule.

Executive Summary

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