



PLM-WG

Status Report 25 XI 2010

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+ Fundamental research



- General Specification in version 3.0 issued and distributed for comments
- Comments collected with GUCS and the Project Office for Accelerators
- Rewriting for version 4.0
- This General Specification will be turned into a Technical Specification that will allow an implementation in the system
 - Processes and workflow writing

+ Validation of concepts...

- Fundamentals written in the specification (projects, items, master and secondary documents, equipment codes) will have to be tested to check their validity.
- Main items to be checked:
 - Document lifecycle
 - “Light” item lifecycle
 - Equipment Codes Centralized Facility
 - Roles and Access Rights
 - Structures
 - Viewers





...more details



- Lifecycle states on documents
 - Ready for Check, Checked, Released, Cancelled
 - Smarteam only for the moment. No synchronization with EDMS/CDD states as a first approach.
 - No check-out allowed when document under Ready for Check. Cancel available.
 - Concurrent freezing of 3D and 2D. More generally speaking, it is the freezing of all children.
 - Usage of SmT workflows if necessary

- Navigation Structures
 - Equipment codes structure
 - Structure imported from the LHC Baseline (Project Breakdown Structure)
 - Sub-projects structure vs. top items/documents to be investigated

- Multiple B.O.M. management : specifications, manufacturing, as-built
 - Item centric (phases of the lifecycle) vs. document centric (types of documents making up the BOM). To be investigated

- Rights and roles will be managed inside SmT in a first row. External tools to centralize the management of equipment codes (defining also rights and roles) might be plugged into SmT when ready.

+ Scope and AOB



- Scope will be restrained to the Collimation Project in EN.
- PH will be associated to it as S. Bally will participate to discussions with ASE.
- A viewer has been chosen to allow viewing of data without Catia/SmT. It works on native Catia files and avoids discrepancies with CGR/VRML formats. Implementation is on-going.
- CWN pilot project feed-back has been collected
 - CWN will stay as it is up and running
 - No more enhancements/investments on the tool