Technical Meeting Compass DCS / IT-CO

Date: 15 December 2006 from 14:00pm to 15:00pm
Place: IT –CO 14-3-017

This meeting was attended by:

Catarina Quintas (COMPASS DCS)
Mathias Dutour (IT -CO)
Manuel Gonzalez Berges (IT -CO)

Content:

General news:

CQ confirmed DS will start the porting of COMPASS projects from PVSS 3.1 to 3.6 in January 2007. MGB recommended to put a high priority on this action to identify and resolve any potential issues.

Status of open issues / specific actions.

CT362923: bug in PVSS 3.1? (PVSS00ctrl)
This case is on hold. PVSS shows some problems in restarting manager while the manager`s configuration explicitly requests to do so.
CQ reported similar problem with an Archive Manager lately appended to the list of processes to run in the PVSS project. MGB mentioned this problem may be due to an environment or a setting problem; it may as well be fixed in PVSS v3.6 delivery.
Action COMPASS (we 03): Provide ITCO with the additional relevant information gathered in the later situation to speed –up problem fixing.

CT370304: Iseg PVSS framework/OPC problem
This case is closed. The next version of the ISEG component planned for end December 2006 takes care of these issues. MD mentioned some requirements are being produced by other experiments regarding ISEG OPC features.
Action MD (we 51): Provide COMPASS with this set of requirement prior it is sent to ISEG.

CT376974 Wiener equipment communication problems
MD and FM investigated these problems. It became clear that a major Wiener equipment firmware upgrade was required. COMPASS has contacts with Paul Harwood (PH-ESS) and Urs Vogt (Wiener) who confirmed the need for the upgrade. ITCO recommended to

quickly contact Chris Parkman to get more information on the procedure and conditions (potential cost, location, timing…) to setup the actual upgrade as soon as possible.

Ongoing business

FSM integration in COMPASS DCS application
CQ explained DS is working on the design of the FSM for COMPASS. MGB and MD underlined that the focus about what shall be done for the next COMPASS run shall rather focus on the problem (analysis) than on the solution (design) for ITCO to provide efficient support and expertise. CQ mentioned that parts of a high level document from 2004-2005 describing the behavior of COMPASS experiment systems behaviors could be used as a basis if refined and updated. CQ also mentioned there are still important pieces of information unknown at this time to a clear picture of how the DCS shall behave in details. Finally CQ proposed to provide an analysis document to ITCO week 02 / 2007.

New actions.

Read refresh speed of CAEN modules with SLiC
CQ mentioned there are difficulties to read data from a certain CAEN module type with SLiC at a faster pace than the default configuration. This point will be investigated by COMPASS DCS team and the information passed toward ITCO.
No date is defined yet due to low priority.

Misc.

Next meeting will take place 2 -3 weeks after the reception of the analysis document from COMPASS mentioned above (See FSM integration in COMPASS DCS application).

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