

Technical Meeting Compass DCS / IT-CO

Date: 16 April 2007 from 10:00am to 11:00am

Place: IT –CO 14-4-002

This meeting was attended by:

Catarina Quintas (COMPASS DCS)

Ana Sophia Da Silva Nunes (COMPASS DCS)

Mathias Dutour (IT -CO)

Manuel Gonzalez Berges (IT -CO)

Content:

General news:

None.

Status of open issues / specific actions.

Porting to PVSS 3.6: The SLC4 machine was installed to receive the project and the Framework was installed too. The online connection tests with real hardware are still to be done.

Oracle archiving: CQ checked the DB space reserved for COMPASS DCS.

Action MGB: setup the database with the IT Dept. and provide CQ with PVSS patch level required to run Oracle archiving and information to complete the Oracle archiving setup steps.

IT-CO warned about the little time remaining to complete the archiving tasks. The porting of existing archives from PVSS File Archiver to Oracle could be realized offline after the run depending of the progress.

Edit:

- COMPASS doesn't need to migrate to the Oracle Archiver the data for runs previous to the 2006 run. This data is currently available in a project running on a very old version of PVSS (2.12.1)
- The data for the 2006 run is available in a 3.0/3.1 project. The volume is around 2,2 GBytes in some ASCII format defined by COMPASS.

Configuration database: ASN had the opportunity to run successful configuration database tests with a test database. (Not connected to real hardware).

Muon to Hadron run: No progress on this aspect. CQ foresees that the implementation of the transition could be realized offline, in parallel with the Muon run.

Edit: It is now practically certain that the COMPASS Hadron Run is postponed for 2008. In 2007 it will be only Muon Run.

SPS Dip data: MD contacted AB but no response was received by the day of the meeting. CQ requires information about door access and magnet status.

Action CQ: Investigate the exact SPS data to be used in COMPASS DCS and contact Pierre Charrue to get more details. **Edit (23rd April 2007) :** In progress.

User authorization: No progress by the day of the meeting.

CT376974 Wiener equipment communication problems

CQ and MD uploaded the firmware on a second PL500 power supply using the direct connection firmware tool. After having set properly the internal parameters the PL500 was visible to PVSS. Still, it is now too early to determine whether the firmware upgrade has fixed all the communication problems or not. The last PL500 on the CAN bus line (running firmware 2.09/CAN 1.03) is known to have communication problems since an intervention of the owner, it was decided not to upgrade it.

CT349393 CAEN 1932 board integration in Framework

The A1932 module was given to ITCO and installed in ITCO lab for Framework testing.

Edit: The module was returned the 17th April 2007 successfully tested. MGB mentioned the internal and external Trip items exact meaning and behavior are still to be clarified.

Action CQ: Investigate whether the Trip int. and ext. are required for COMPASS DCS or not and forward the information to MGB.

CT 411402 Problem reliably retrieving archive data

ETM sent a tool to regenerate the corrupted PVSS archives. The fix worked out, although large instabilities were observed when restarting the project. The project is now stable and archives are accessible again so the case was closed.

New actions.

None.

Misc.

None.

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