

Meeting for
S1-Global module design
Cryomodule and Cryogenics
20090203

ILC Cryomodule and Cryogenic
Groups

Agenda

1. Brief report about visit to Zanon (Norihito Ohuchi)
2. Summary document of S1-global design at 29th January (Serena Barbanotti)
3. Date and discussions at the next meeting

Brief report about visit to Zanon

- Visiting to Zanon at January 27
 - Confirming the specification of the Module-C design
 - INFN: Serena Barbanotti
 - KEK: Norihito Ohuchi, Kiyosumi Tsuchiya and Kenji Ueno
 - Zanon: Giorgio Corniani and Giovanni Basoni
- Confirmed items
 - GRP
 - Dimension, Material and Manufacturing method
 - Thickness of the reduction flange from 312 mm pipe to 76.3 mm pipe = 30 mm
 - Conditions of assembling sensors on GRP : KEK people will go to Zanon for assembling sensors.
 - Vacuum vessel
 - Pipe dimension and flange configuration
 - Thermal radiation shields
 - Dimensions of shield plates and cooling pipes, and no SUS-AL transitions
 - Adaptor flanges
 - Configuration of the flanges and dimension of the claw clamp
 - Openings on vacuum vessel for pumping and wiring
 - Configuration of the flange and port, and location
- The 1st version of the manufacturing drawing will be completed by Zanon in two or three weeks.

Next meeting

- 17 February 2009 (Tuesday)
 - 23:00 (KEK), 8:00 (FNAL), 15:00 (DESY, INFN)
- Discussion items
 - Heat loads in the cryomodule
 - Sensors assembled in the S1-G cryomodules
 - Items to be measured in the S1-G cryomodules
 - STF module-B cold tests
 - Dummy cavity vessels are installed in the module.
 - Cold test of FNAL-CM1