

Collimator Design Meetings

Minutes of the meeting 61 (17/03/2005)

Present: Aberle, Assmann, Hanni, Kadi, Losito, Mayer

Excused: Bertarelli, Calatroni, Chiaveri, Kershaw, Perret, Principe, Roesler

ALL 3 PROPOSALS FOR THE FINANCE COMMITTEE HAVE BEEN APPROVED.

PURCHASE PROCEDURE

Oliver presented a chart with the components to be delivered to CERCA. The critical point is still the "Glidcop", the order has gone, but the delivery will be rather late!

Feedthroughs are as well on the critical path !!

FINAL DRWAINGS

Roger (absent) was finalizing the production drawings (>180 drawings for TCP TCS and TCDI)

TCDI FINAL POSITIONS

all question have been cleared.

NUMBER AND TYPE OF LINEAR MEASURING DEVICES

The type has been selected and is compatible with the present design.

STATUS OF 3RD PROTOTYPE MANUFACTURING

Welding of bellows completed, the vacuum tank should be brought to the lab for assembly.

DESIGN FOR SPECIAL COLLIMATORS (2IN1) DO WE HAVE ALL DATA ?

Ralph and Oliver will summarize the required parameters and provide a clear data-sheet. All parameters are known and fixed.

DETAILED TEST PROGRAM FOR 3RD ASSEMBLY

Oliver will bring a test chart for the next meeting.

WATER COOLING DISTRIBUTION, SPEC. FOR APPROVAL BY RP

No progress, Rosario was absent. We are still awaiting a proposal for the water supply and purge procedure which will have to be approved by Radio-Protection.

AOB:

Roberto reports the reception of the test-reports of the motors concerning various scenarios and tests which have been carried out by the manufacturer (this report is confidential and will not be made available).

Ralph, Roberto and Oliver are preparing a presentation, upon request from Roberto Saban, to summarize the work which will be required in the tunnel, once the collimators are installed.

A work-package definition for the AB-TS/MME collaboration concerning the phase II will be prepared by Ralph. As the project budget has now been approved, the phase II design will be very similar, based on the present collaboration. The phase II design should start immediately after completion of the special collimators (2in1) for phase I.

ACTION LIST to be followed up:

Play between motor spindle and jaw	#34	Roger
New Fluka simulation for 0.45/7TeV accident case	#47	Vasilis
Collimator installation and handling tools (vrs. 6.5)	#56	Keith
Vacuum recommendations (NEG coating)	#58	Sergio
RF finger contact model friction test – final report	#60	Sergio

Manfred