

Collimator Design Meetings

Minutes of the meeting 62 (24/03/2005)

Present: Aberle, Bertarelli, Kadi, Mayer

GLIDCOP ORDER

1. Oliver informed that a Glidcop a ~500 kg special delivery will be done for the jaw bloc test pre-series. Shipping from USA will take place on the 22.04.05. It is decided to request air fret.

FUNCTIONAL SPECIFICATION FOR SPECIAL COLLIMATORS (2 IN 1)

1. The document is not yet ready.

TEST PROGRAM FOR COLLIMATOR PROTOTYPES

1. A list of tests is being prepared by Oliver for P1, P2 and P3.
2. The two blocs of prototype #3 will be assembled by Patrice, according to a written assembling procedure. The second one will be assembled in the presence of CERCA people.
3. P1 is now in a INB room in b. 252
4. P2 shall be cut opened in INB workshop as soon as the milling cutter is repaired.

WATER DISTRIBUTION SYSTEM

1. No progress done. Rosario was again absent.

AOB

1. Sergio informed by e-mail that as agreed with P. Chiggiato and A. Rossi, no NEG coating is necessary for the collimator tank.
2. Sergio distributed a report on the RF finger tests (available at [report568016.pdf](#)). To get rid of possible (limited) carbon particle pollution he suggests to perform a CO₂ crystal blasting on the jaws at CERN premises. Manfred reminded that this treatment might lead to an excessive abrasion on the C/C surface and proposed to avoid it.

ACTION LIST to be followed up:

Play between motor spindle and jaw	#34	Roger
Updated calculation on beam optics during transients	#49	Ralph
Collimator installation and handling tools (vrs. 6.5)	#56	Keith
Manufacturing of 3 rd Collimator prototype	#60	Oliver