**RHIC BBLR discussion, JPK, GS, FZ**

RHIC BBLR drawings were checked by Gerard.

* SPS aperture is compatible, intermediate piece needed
* Motion may need to be limited, since so large maximum motion/angle is not permitted for CERN bellows; inspect the bellows

RHIC BBLRs: 50 A, 2.5 m long, 125 Am total strength

Wire diameter? – not clear from the drawing

Convection cooling

Water cooling possible?

Much larger range of motion

Early separation scheme – test, role of tail in the losses, without changes in emittance and closed orbit

RHIC wires could also be used for general beam-beam studies

They could also be installed in the SPS

BBLR wire no. 3 is also being reassembled now.

Water cooling might be needed if we reduce the diameter?

4.8x8 mm diameter (elliptical shape – why?) or 3 mm radius

Ask Gerard if it is simple to change the wire

Steve has agreed to Jean-Pierre to pay for the transport
Ask Wolfram about residual activation and transport questions

SPS BPM calibration

General studies: a few encounters at reduced distance

Crossing schemes

LRBB compensation should be included in phase-I

Lifetime vs. separation for larger range at higher energy

Check dimensions with Wolfram

Ask Gerard if it is easy to change the wire?

 Meeting with Wolfram around 26 October?

Interaction with Wolfram?

Details shape and size – easy to modify – reason for present parameters?

Possible participants – Octavio, Rama, Rogelio?