

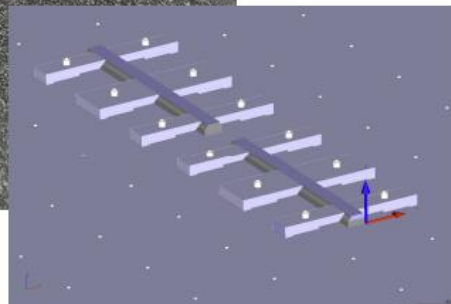
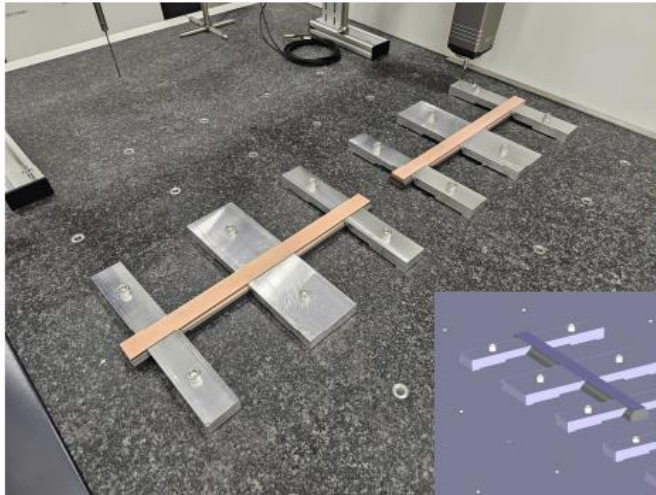
Pairing of Graphite Blocks Metrology Results

WP5.2 Meeting
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Purpose of pairing Graphite blocks

- Block pairs were machined together at SGL.
- Due to damage of copper coating, individual blocks might need to get rejected.
- Repeated metrology for newly formed block pairs of blocks with similar thickness necessary

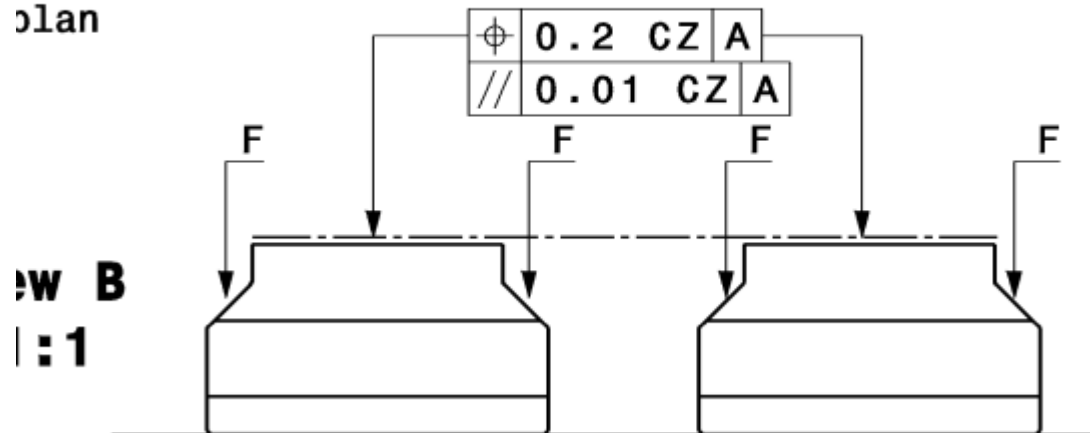


Metrology Results Surface Marking

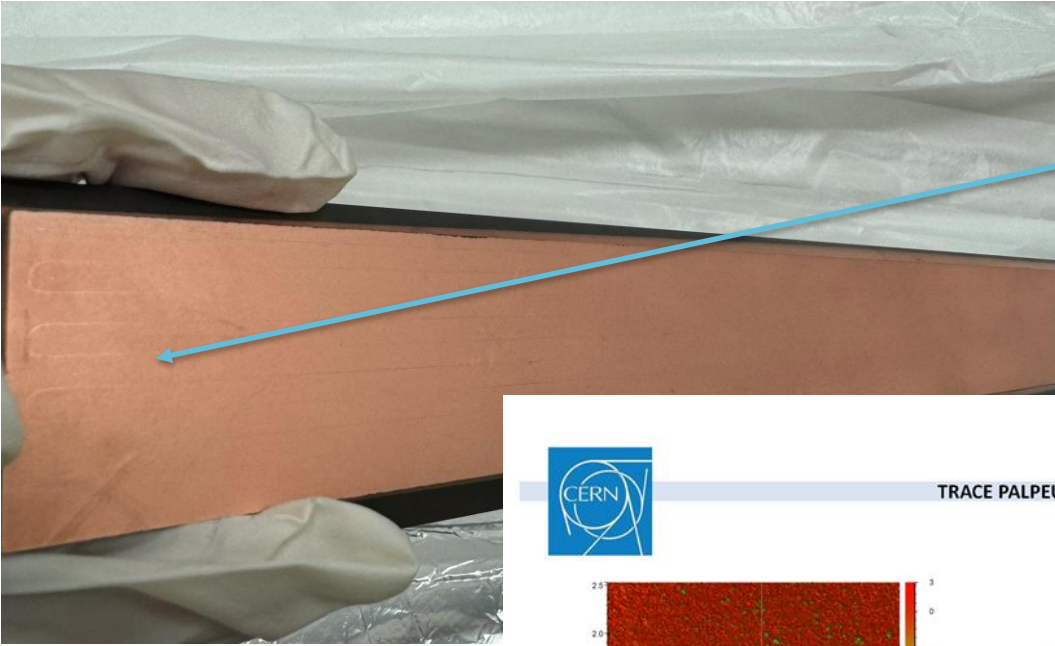
New block pairs	Parallelism of common surface
S11-1 & S29-1	15.1 μm
S22-1 & S23-2	12.3 μm
S12-2 & S25-1	8.7 μm
S18-2 & S16-2	11.5 μm
S10-2 & S24-2	12.8 μm

General proposal: accept blocks, since deviations are relatively small

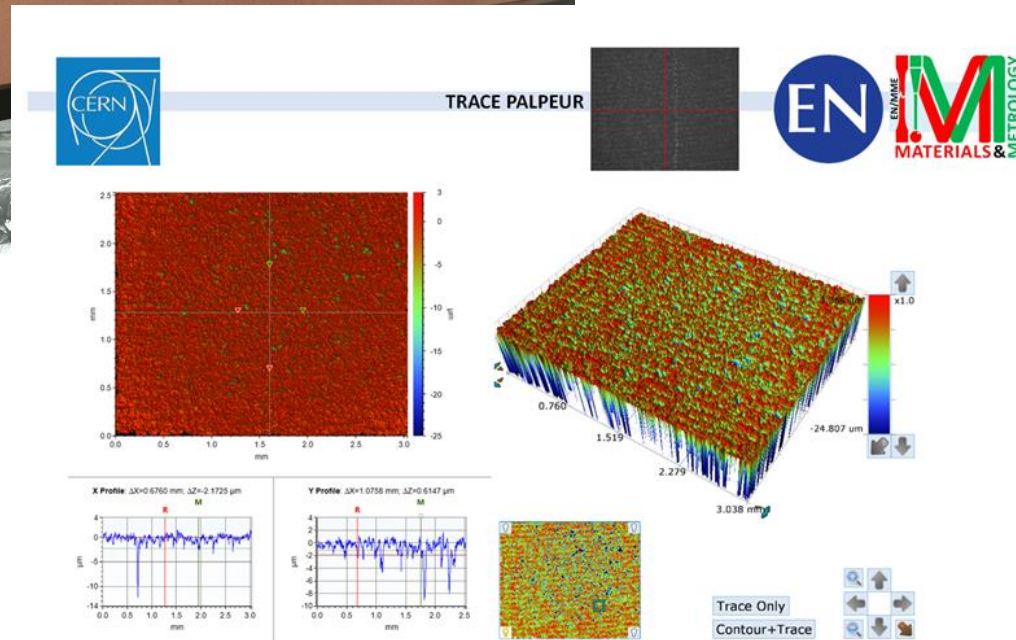
Under load
 Force to merge the Plan A of the blocks with the metal plan



Surface Markings from Metrology



- Metrology left visible marks on the coating.
- Marks are not significantly deep





Thank you!