

TPS Progress – Shielding assembly



The shielding has been successfully assembled in the PS and is now ready for final installation in SS15. Note: Block 1 (Base block) has a lifting point on the geometric centre of the block but due to the removal of some of the block (for Bus bar clearance) the centre of gravity has shifted. When this block is handled it is recommended to place blocks 6 and 7 on the block above the bus bar location to compensate for the change in C of G. This will allow the transport of this block in a horizontal position.





A procedure has been written which describes the complete installation of the shielding and the subsequent installation and alignment of the TPS. The procedure shall be available in EDMS soon.

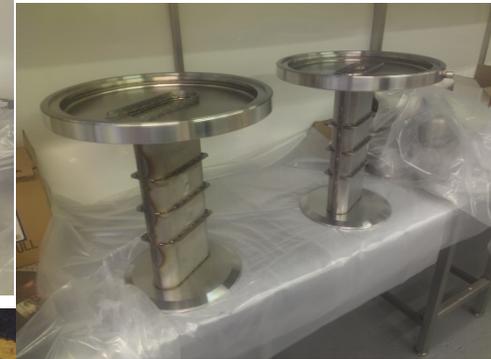


TPS Components - Vessel

The first vacuum tank is currently en-route and delivery expected this week. Next phase is vacuum testing and acceptance followed by the start of the assembly of all under vacuum components. Schedule is ok and so far the planning has been kept.



Downstream chamber

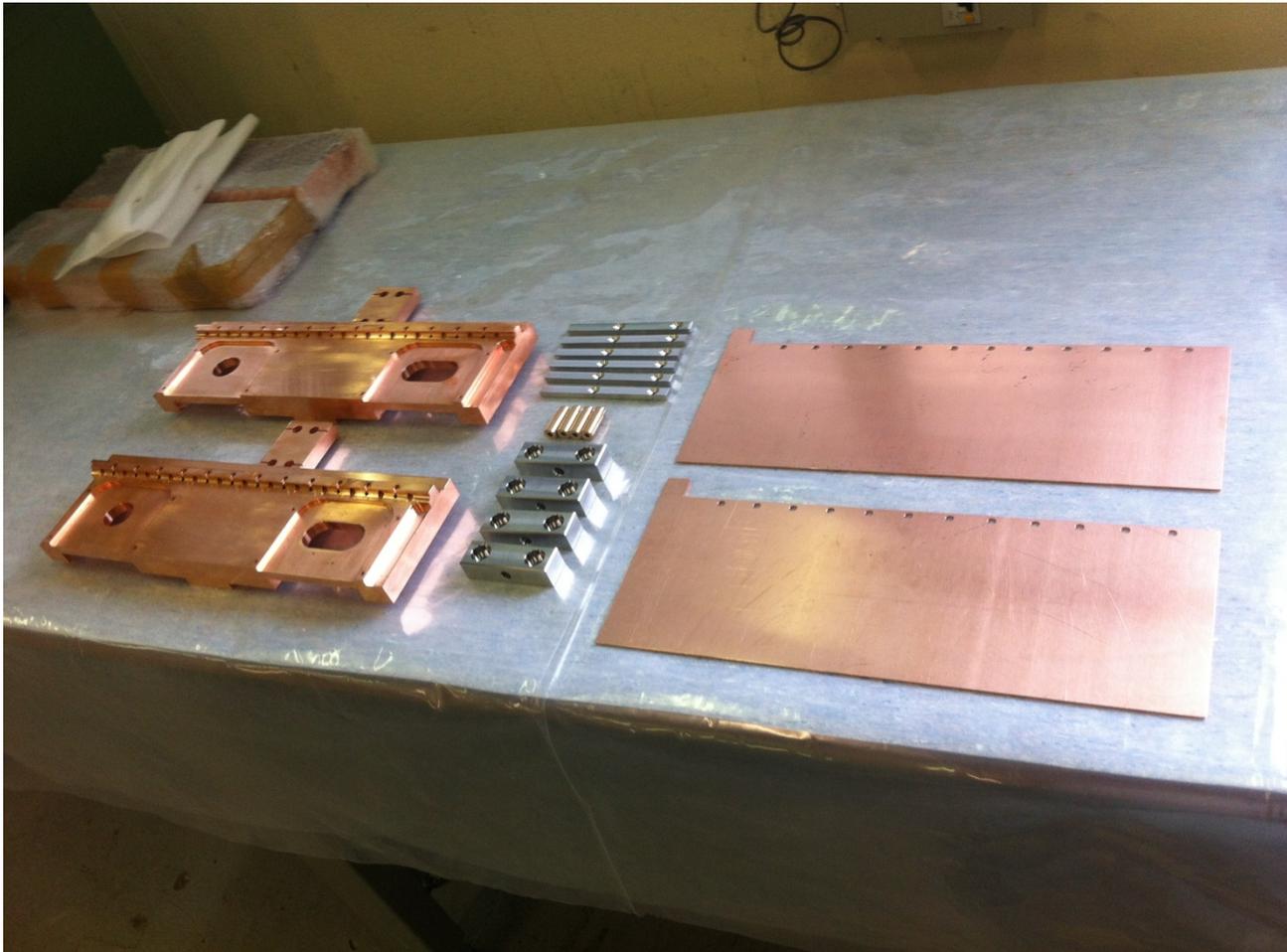


Main tank body



UHV Components

Final delivery of the rest of the components is expected this week. The parts have been shipped from Spain early last week.

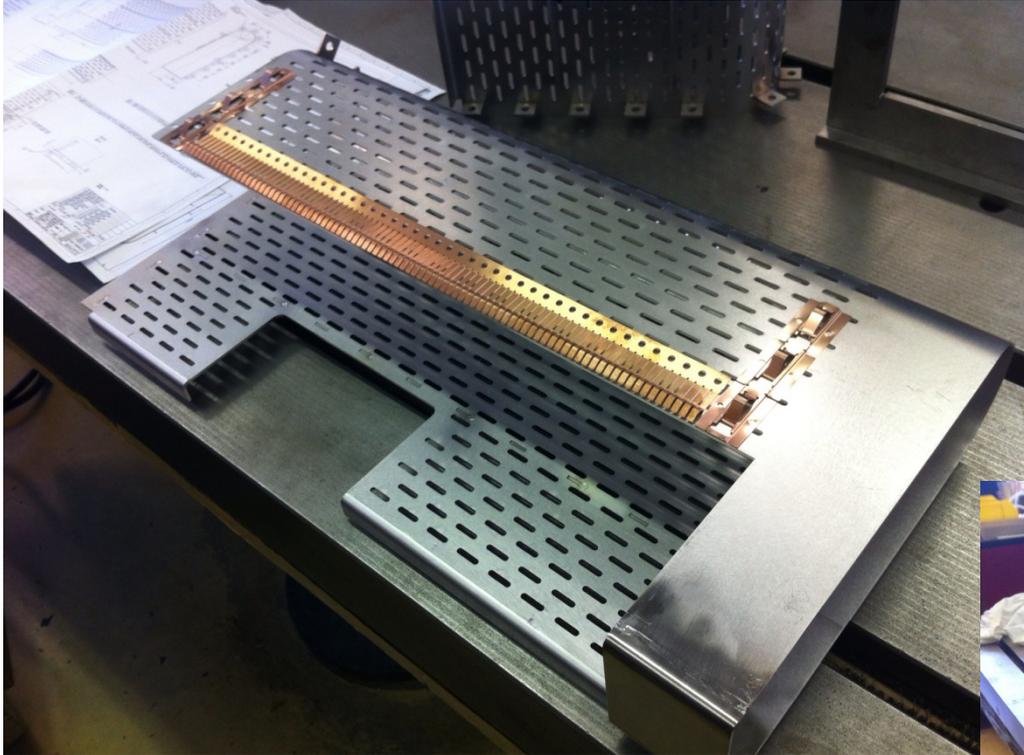


Blade Support

RF Impedance
cover &
Stainless steel
shims

Position
adjustment
blocks and gear
wheel spindles

Beam Impedance Screen



The screen (2x) has been manufactured in Cern (AP) and both are ready for installation in the tank.

