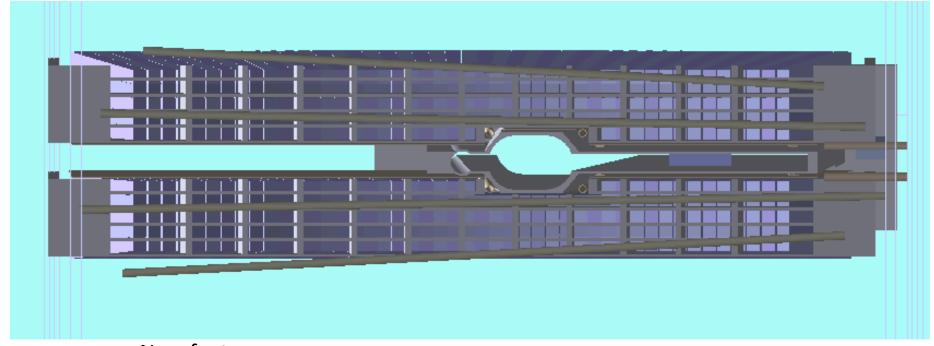
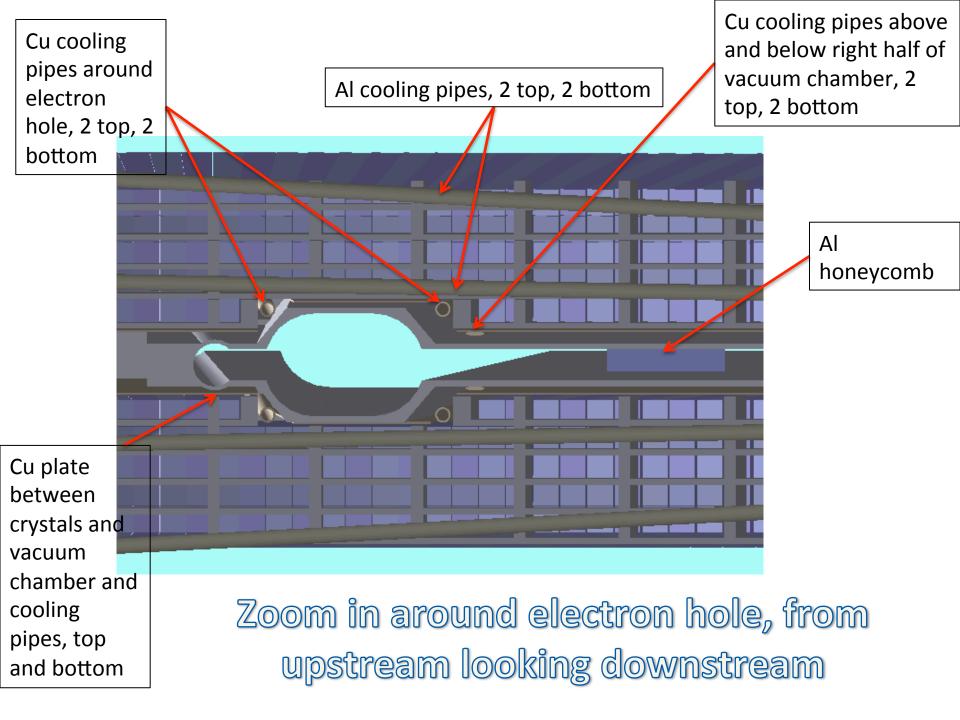
Ecal GEMC Geometry Updates Holly Szumila-Vance 22 March 2014

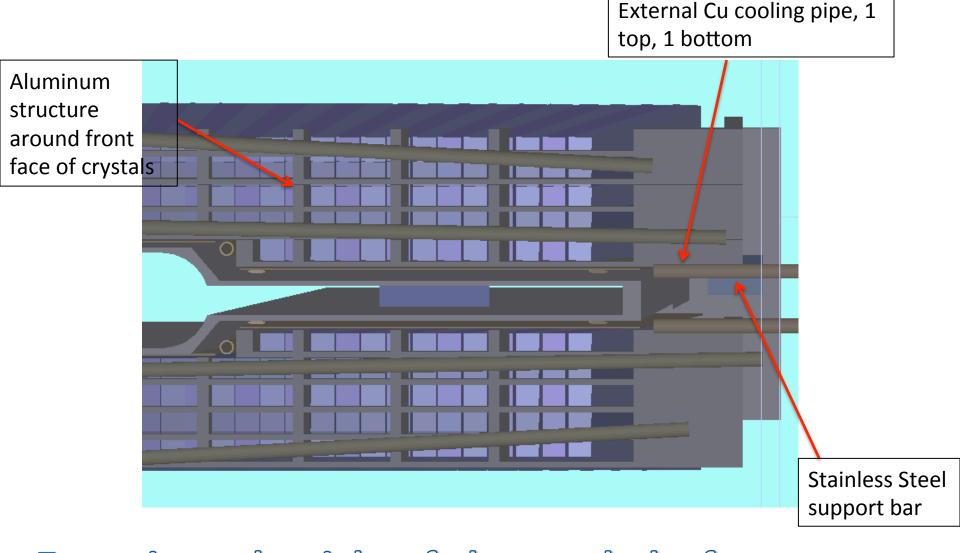


New features:

- Copper cooling pipes around vacuum chamber
- Al cooling pipes in front of crystal face
- Al honeycomb (already in SLIC, now in GEMC)
- Copper plate between ecal crystals and vacuum chamber
- Al structure along front face of crystals

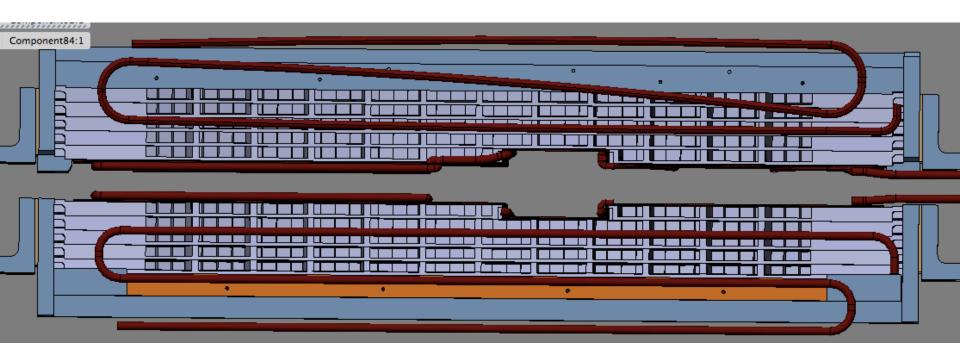
Note: Front flange not pictured above.





Zoom in to the right of electron hole, from upstream looking downstream

Engineer sketch used for GEMC geometry updates



Note: External Aluminum pipes on front face at bottom should be a reflection of the pipes on top, not horizontal (drawing incorrect)