

# Report from Cracow group

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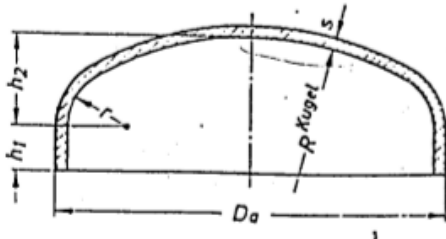
**MoEDAL Software Meeting**  
**3rd April 2014**

# Status

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- Good progress
- Not yet managed to install Panoramix locally – still trying
- So far running the software on LXPLUS
- Learned to implement new simple shapes
- Learned how to access the drawings
- Shape of the vacuum tank cover – DIN 28013:



$D = 950 \text{ mm}$   
 $h_1 = 25 \text{ mm}$   
 $h_2 = 236 \text{ mm}$   
 $R = 760 \text{ mm}$   
 $r = 145 \text{ mm}$   
 $s = 6 \text{ mm}$

# Modeling Vacuum Tank Cover

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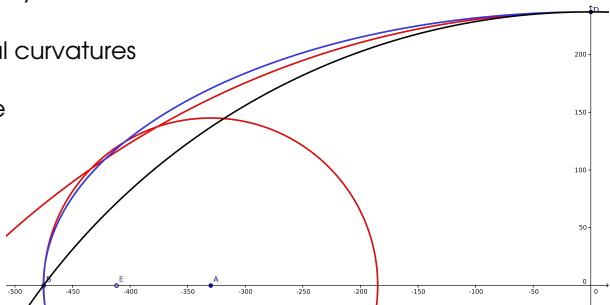
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## ● Geometry

**red** – nominal curvatures

**blue** – ellipse

**black** – circle



- G4Ellipsoid not available in XML framework – cannot implement **blue** shape
- G4Torus not available – cannot implement **red** shape
- G4Cone available – can implement as few conical sections