

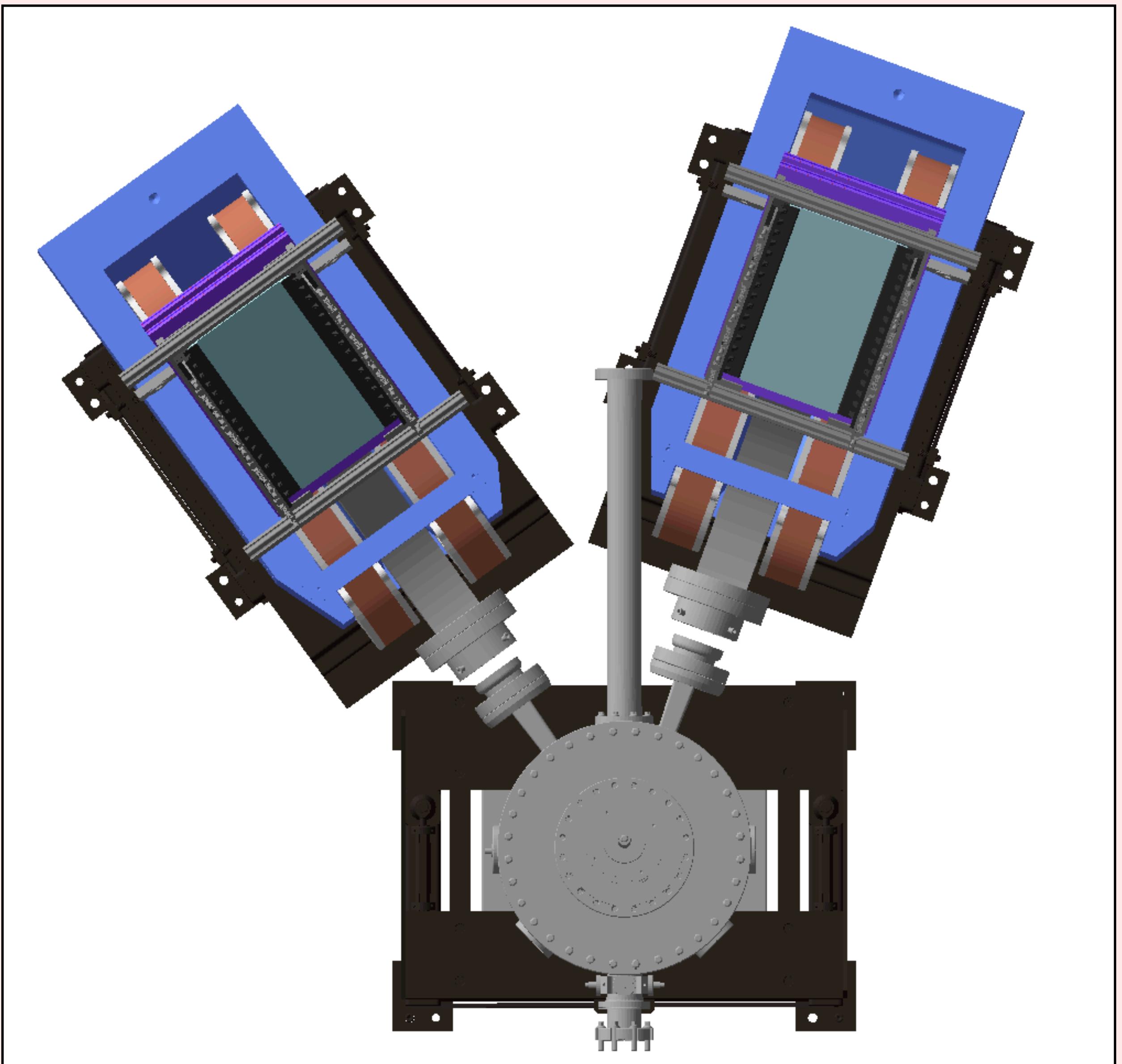
Implementing survey to simulation

From Doug's summary email on Oct. 19th:

- ▶ Target center is 0.52 mm north
- ▶ Scattering chamber upstream fiducial is 0.55 north
- ▶ Scattering chamber south fiducial is 1.46 north

- ▶ Dipole magnets were positioned and surveyed to be very close to their nominal locations

- ▶ North dipole vacuum chamber: 0.87 mm closer to the target, shifted 0.41 mm transversely, 0.19 mm vertically
- ▶ South dipole vacuum chamber: 3.75 mm away from the target, shifted -1.1 mm transversely, -0.82 mm vertically



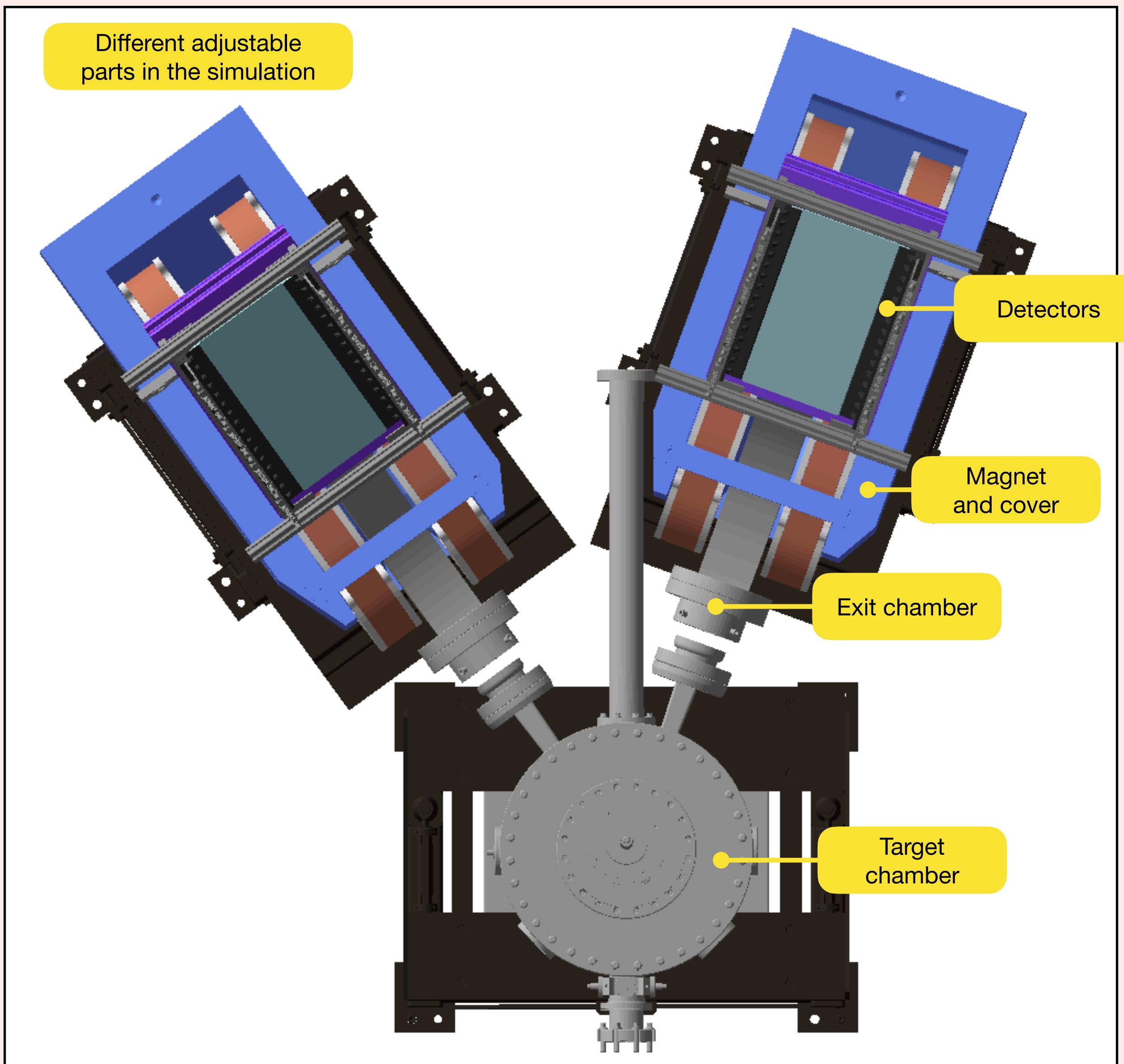
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Implementing survey to simulation - target chamber

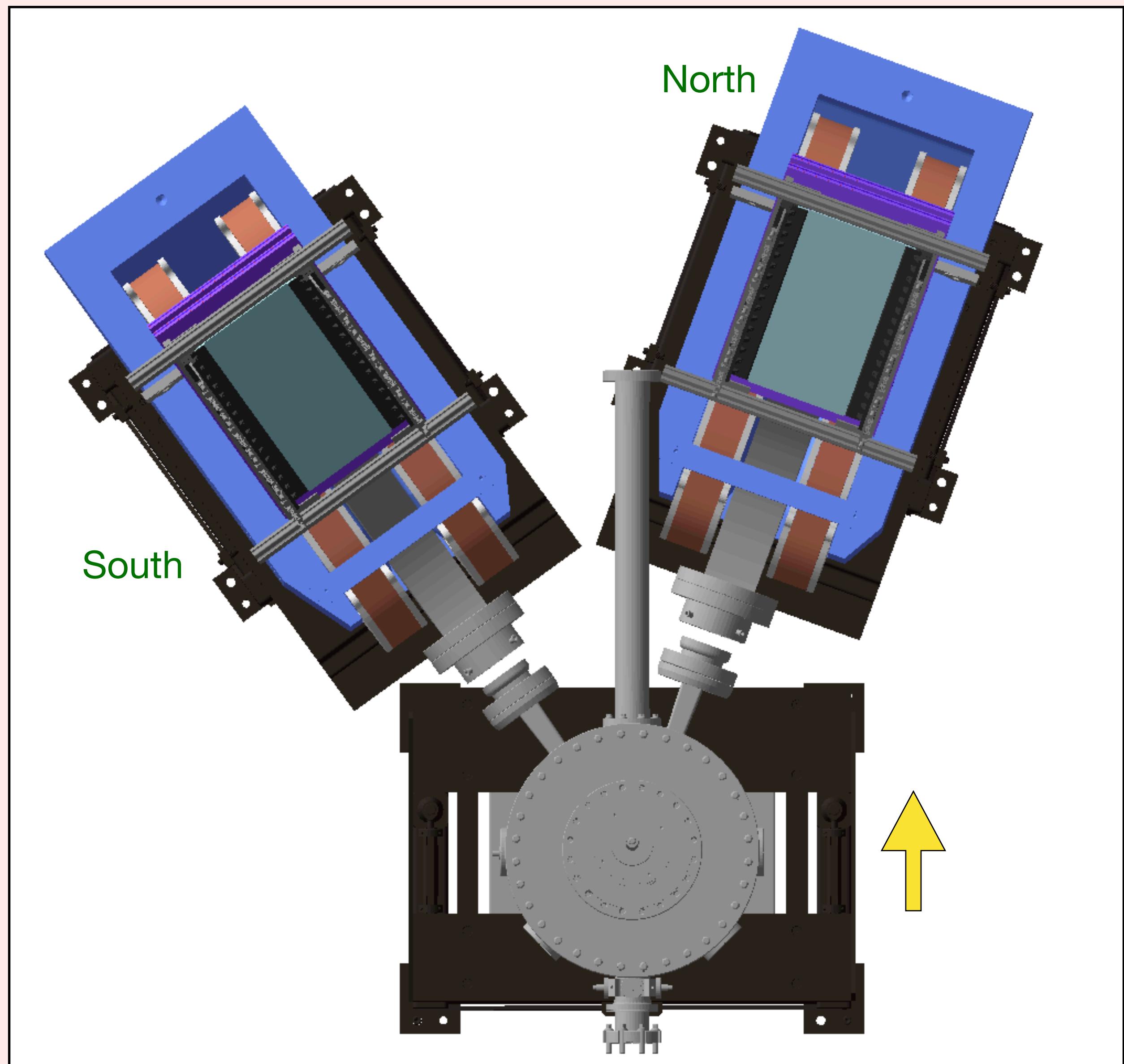
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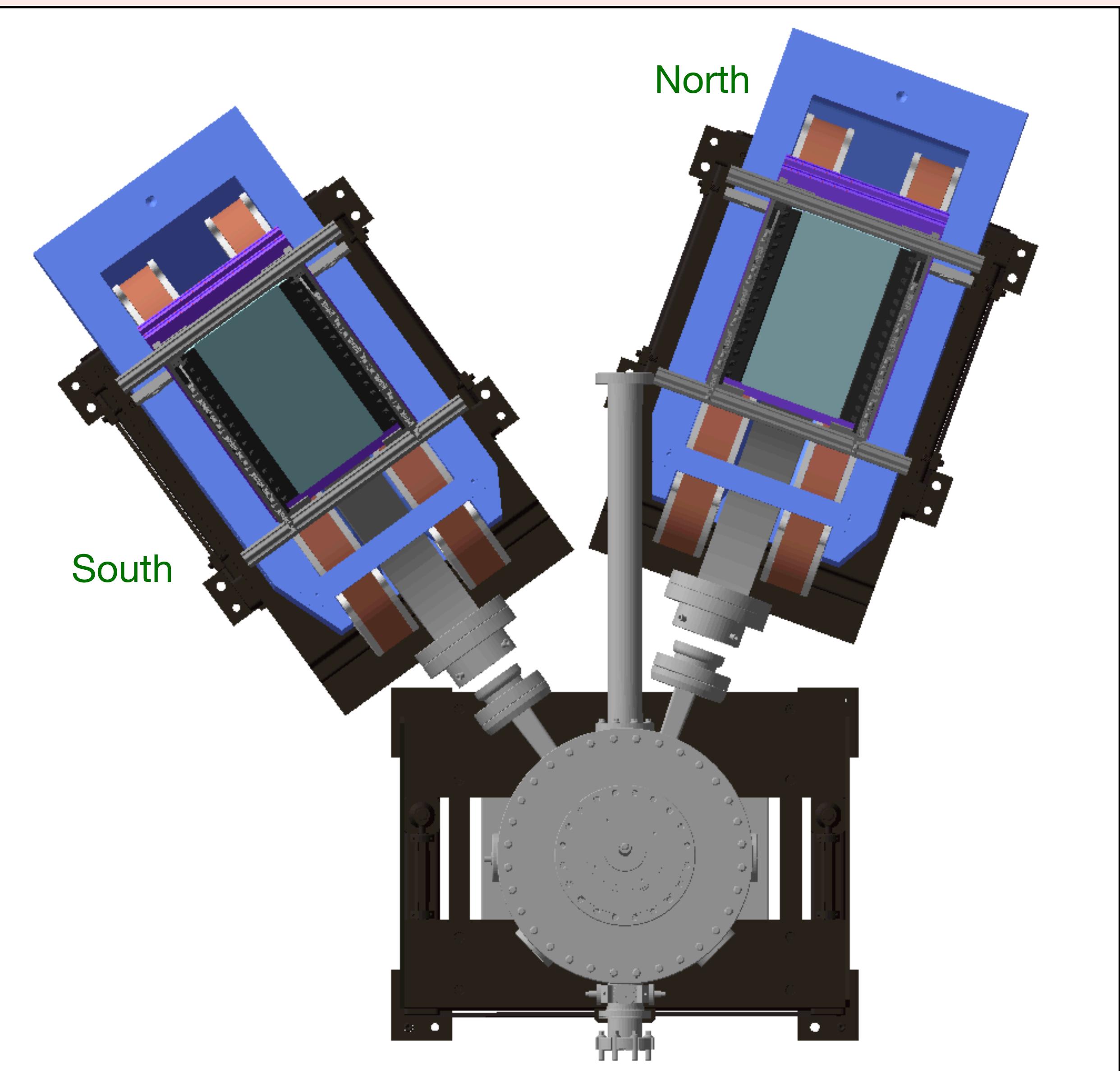
Implementing survey to simulation - dipoles

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Implementing survey to simulation - exit chambers

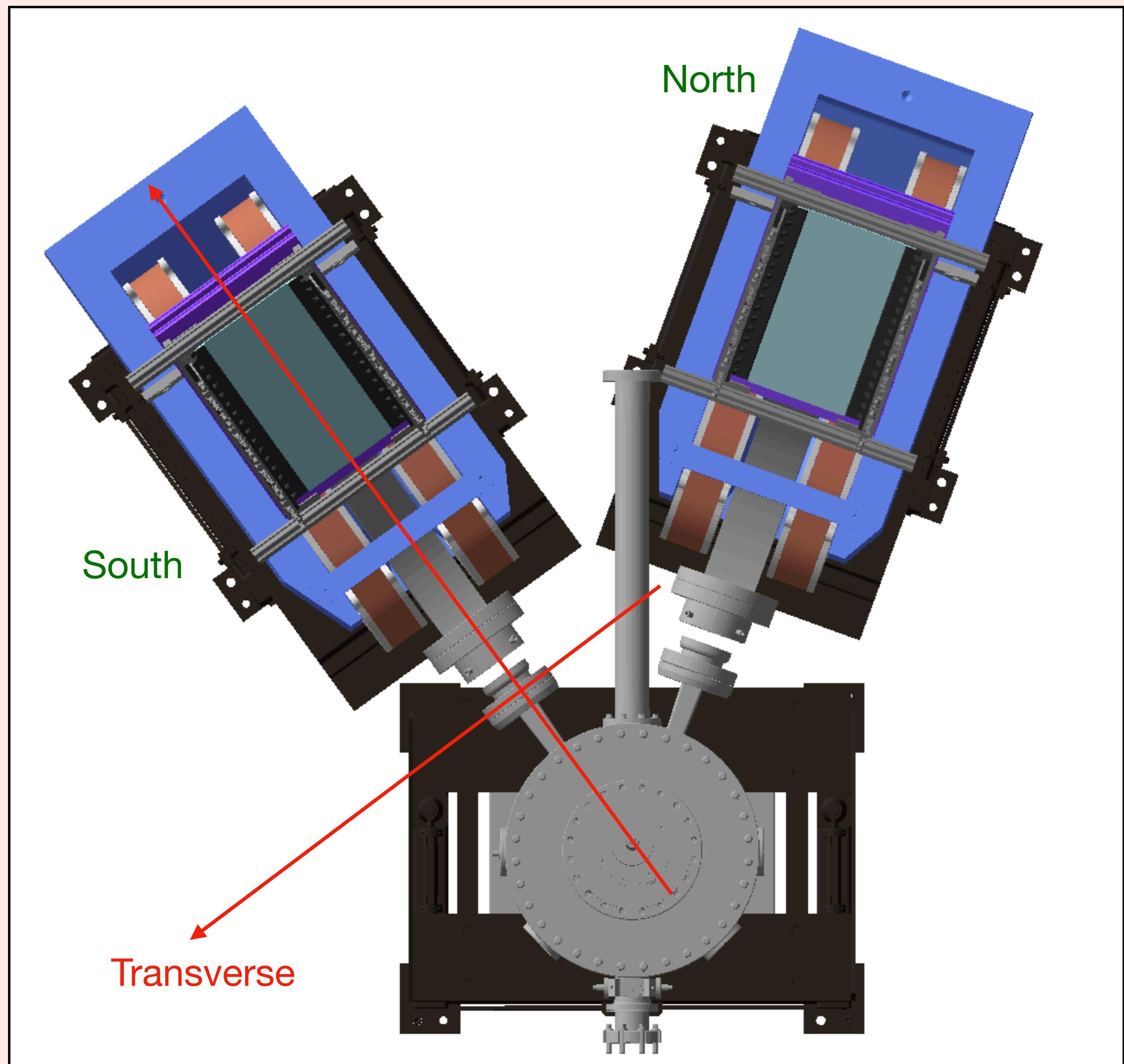
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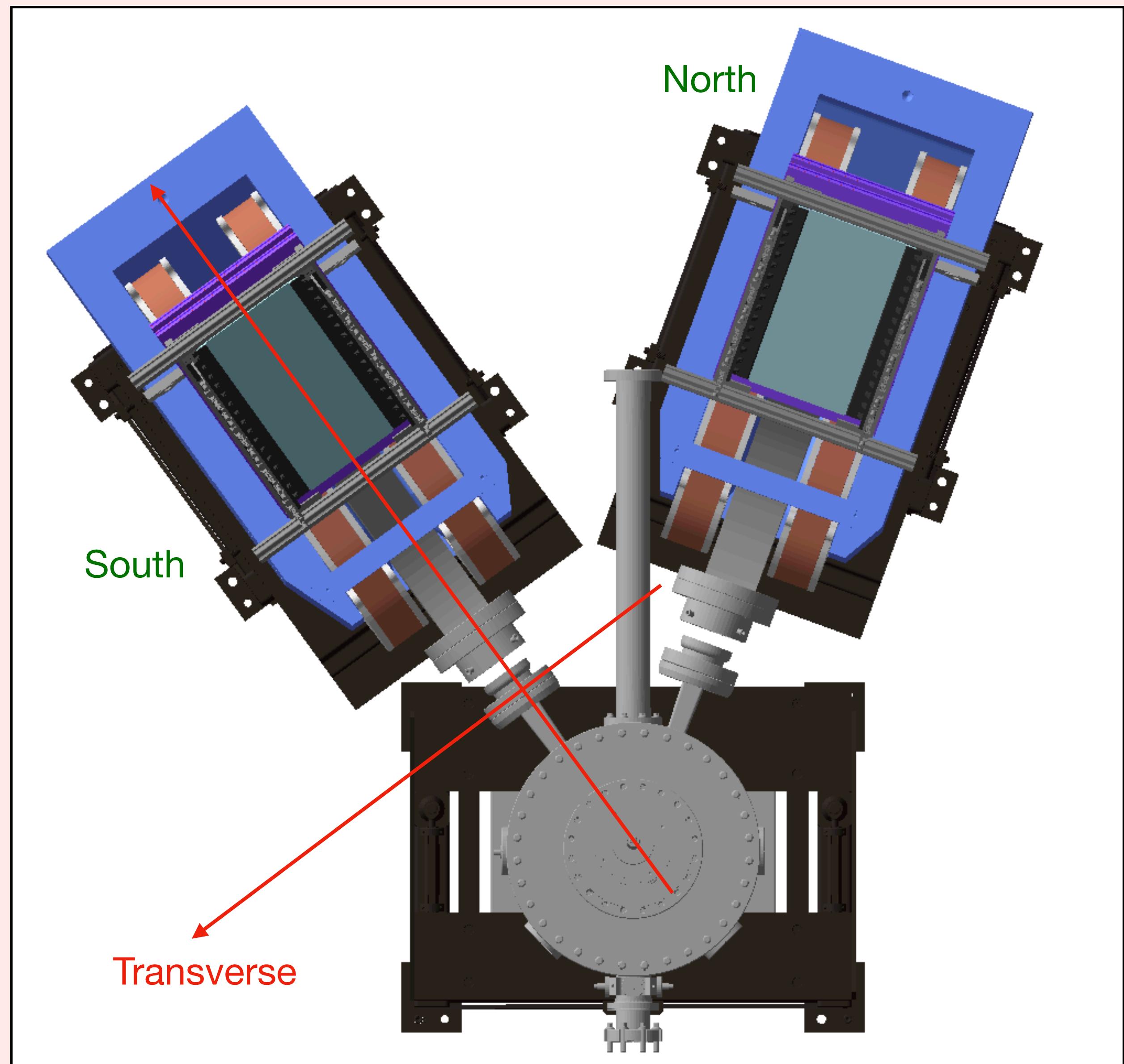
Implementing survey to simulation - exit chambers

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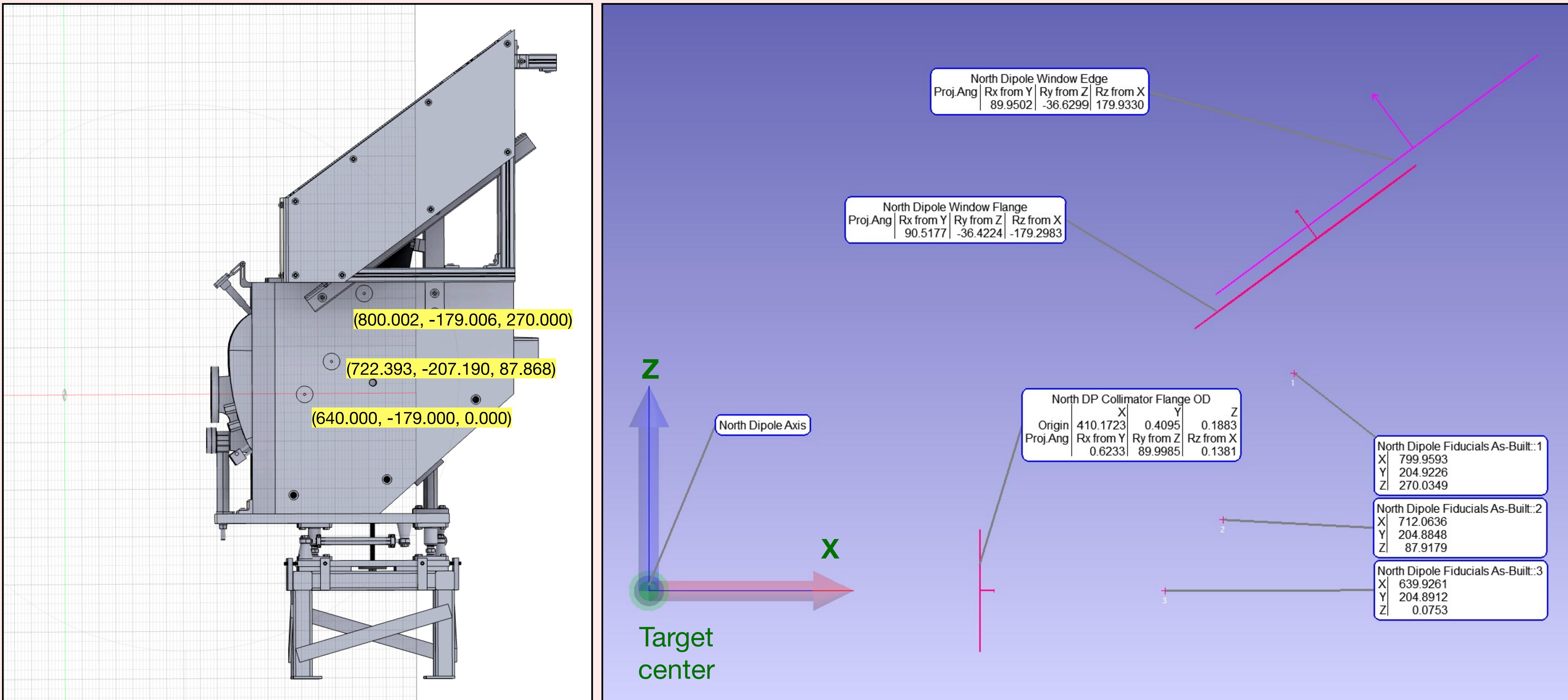
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One must remove `~/.darklight/share/stl` and reinstall these files for the updated simulation!



Implementing survey to simulation - right spectrometer

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Implementing survey to simulation - left spectrometer

