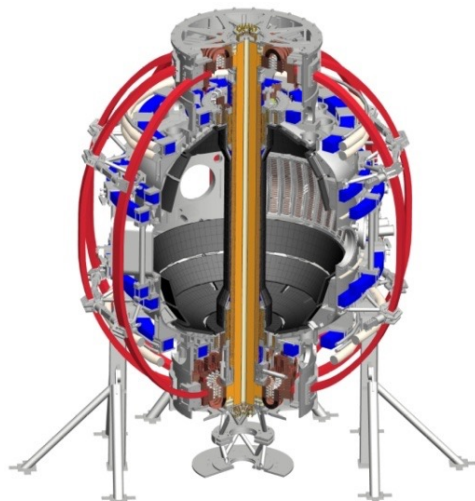


Measurement of Neutral Beam Current Drive

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XP-Neutral Beam Current Drive

Assess Neutral Beam Current Drive from new beam line.

- Document operating space of NBCD for each source and in combination for various plasma currents and toroidal fields.
- Compare to TRANSP predictions.
- Effect of MHD on fast ion current profile.
- Results will be useful in support of several other XP's.

Target Plasma: H-mode & reversed shear L-mode.

Prerequisites:

- ***Need to assess interference of new beams on MSE-CIF measurements.***
- ***Er correction will likely be necessary. We need toroidal rotation profiles.***