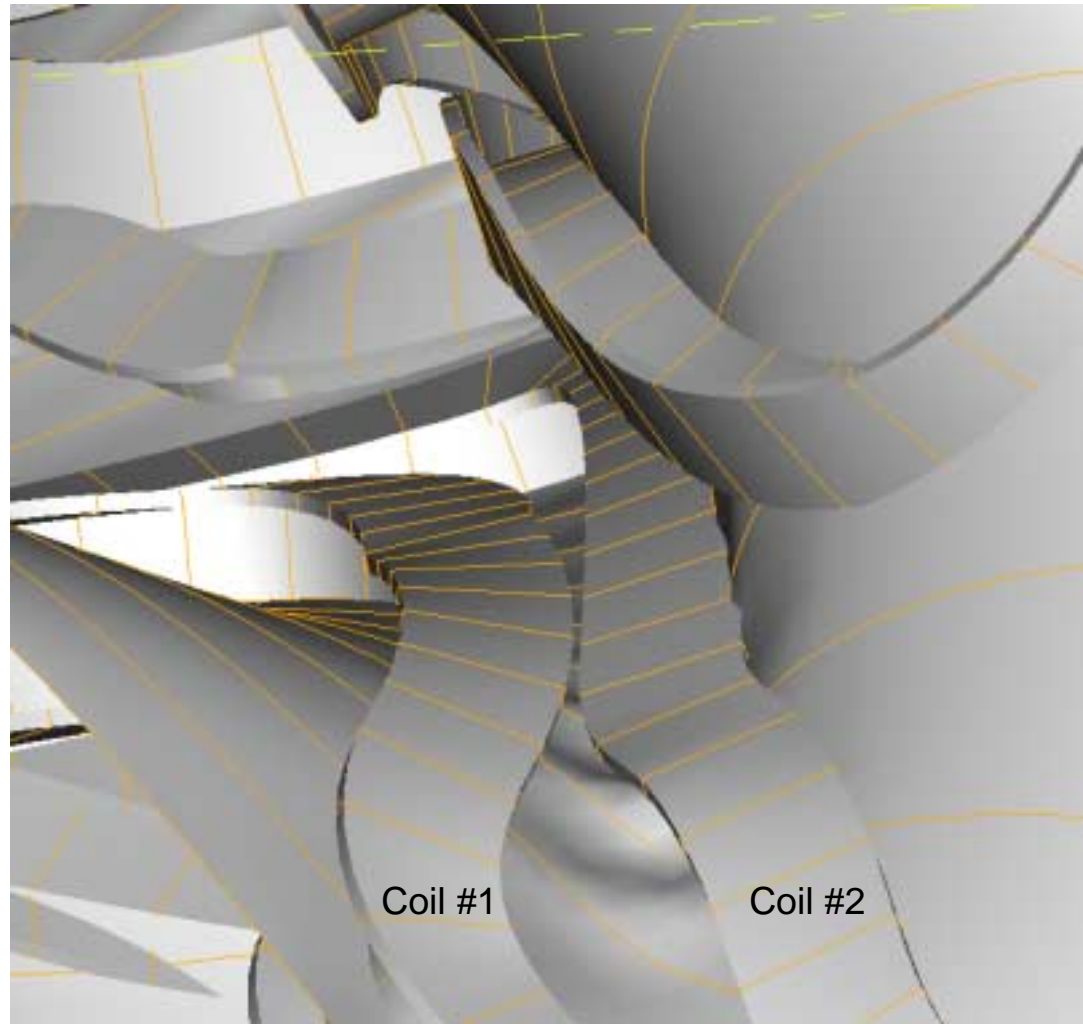
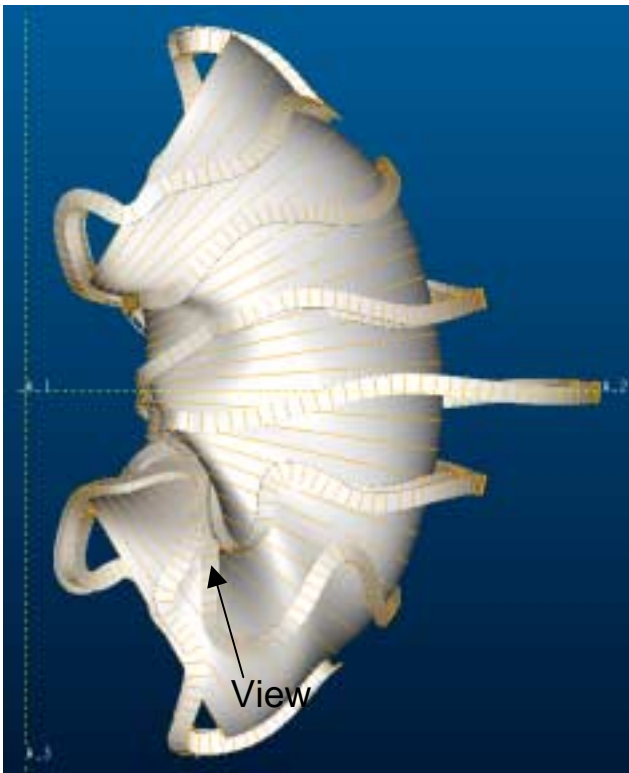


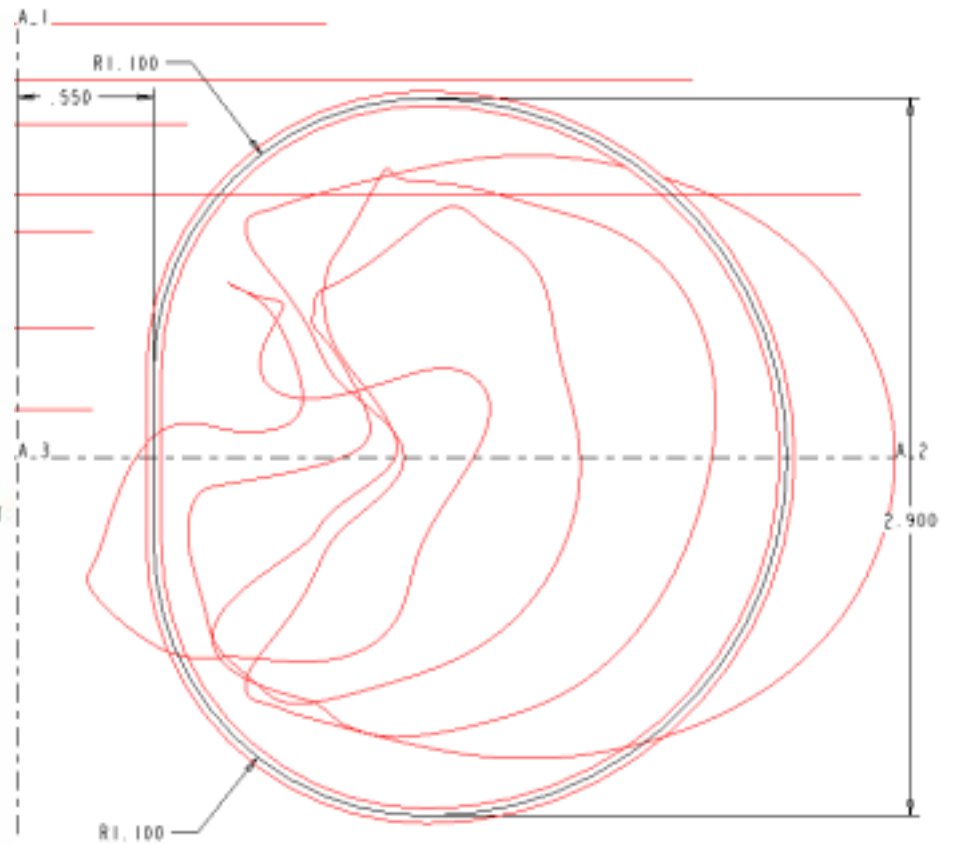
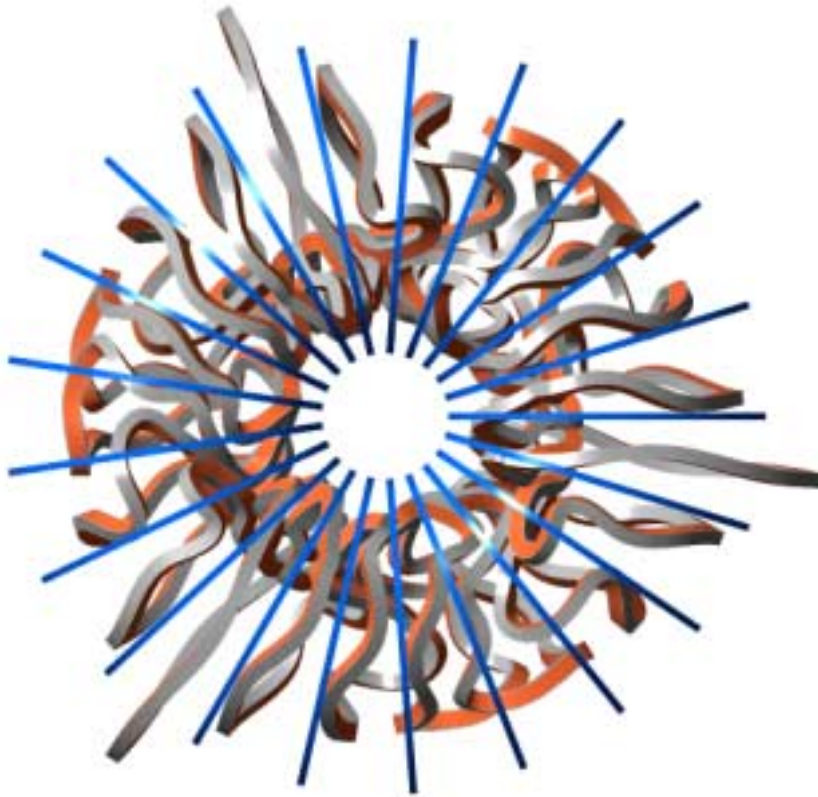
Case 1017, 21 Modular Coils

- Coil #1-2 spacing increased from Case 1013



TF Coil Layout

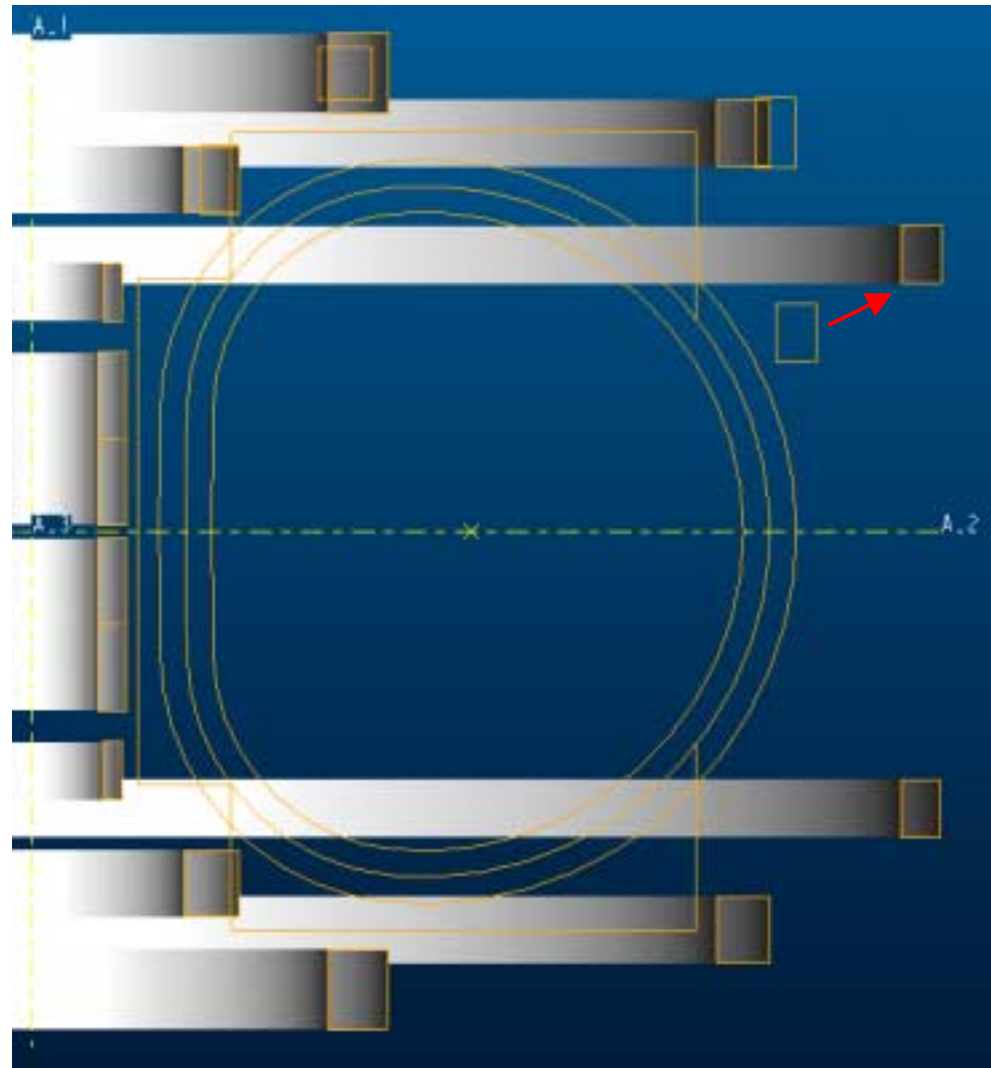
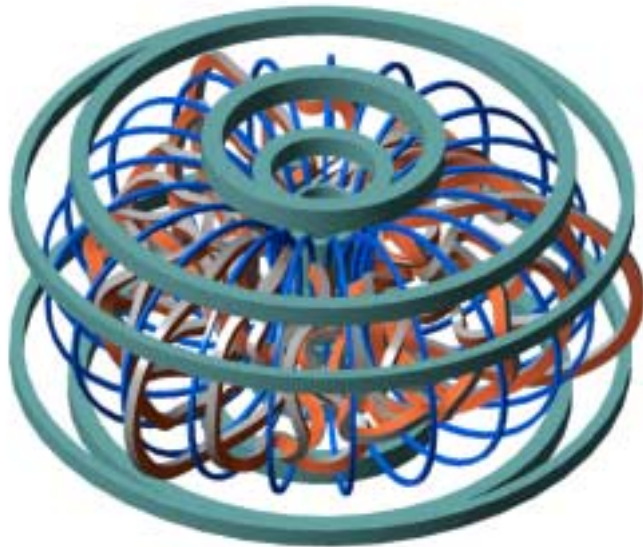
- 21 TF coils, 6x6-cm



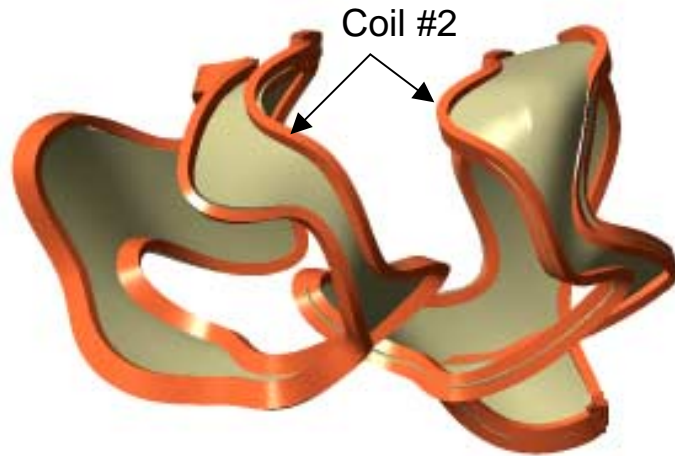
PF Coil Modifications

- PF7 moved to $R=3.396\text{-m}$ (133.7-in), $Z=+/- 1.060\text{-m}$ (41.73-in)
- Dimensions TBD

| | INCHES | | | | | | |
|-----|--------|-----|-----|-------|-----|------|--|
| | r1 | dr | rc | z1 | dz | zc | |
| PF1 | 9.75 | 4.5 | 12 | 1 | 13 | 7.5 | |
| PF2 | 9.75 | 4.5 | 12 | 14 | 13 | 20.5 | |
| PF3 | 10.5 | 3 | 12 | 31.65 | 8.7 | 36 | |
| PF4 | 23 | 8 | 27 | 48 | 10 | 53 | |
| PF5 | 44.5 | 9 | 49 | 63 | 12 | 69 | |
| PF6 | 103 | 8 | 107 | 55 | 10 | 60 | |
| PF7 | 112 | 6 | 115 | 25.65 | 8.7 | 30 | |

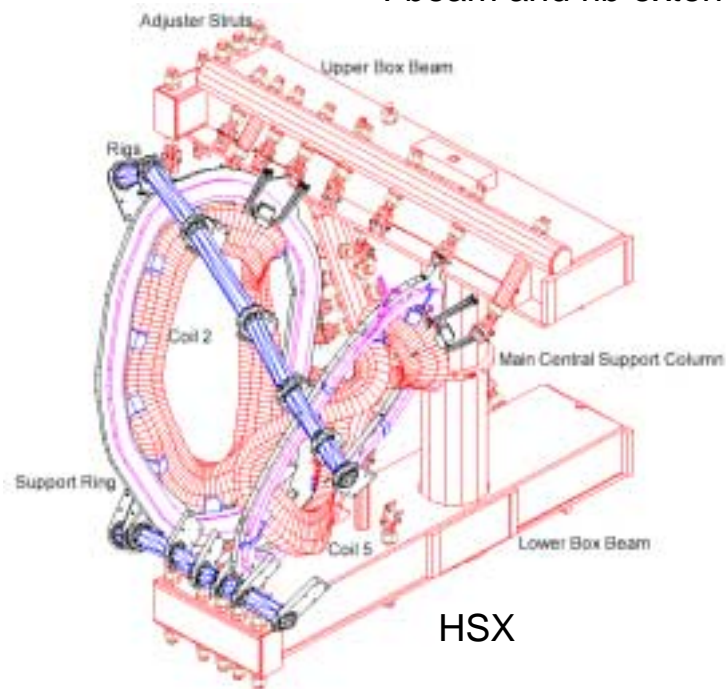


Modular Coil Support Concepts



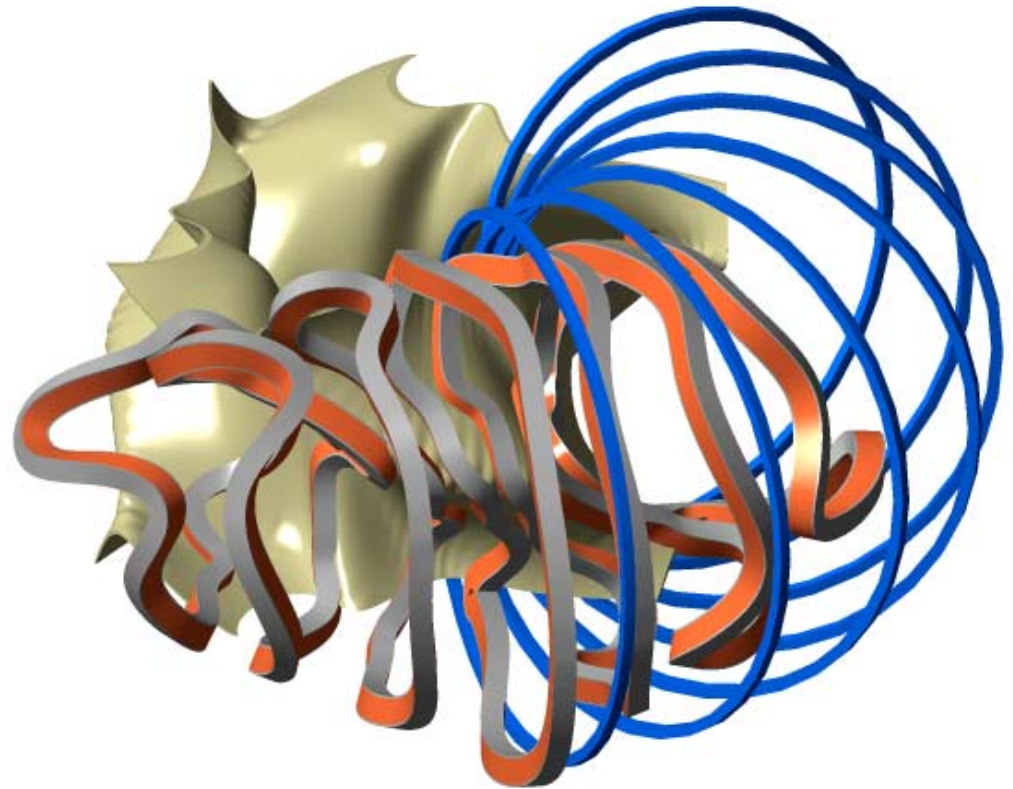
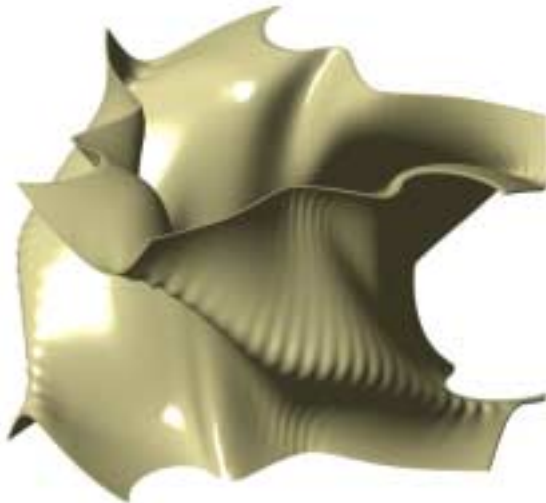
- Conformal shell segments with $\frac{1}{2}$ coil wound into each end.

- I-beam and rib extending to outer shell with flanges.



- Discrete supports to external space frame.

Shell-with-flanges concept, inboard region



Shell-with-flanges concept, outboard region

