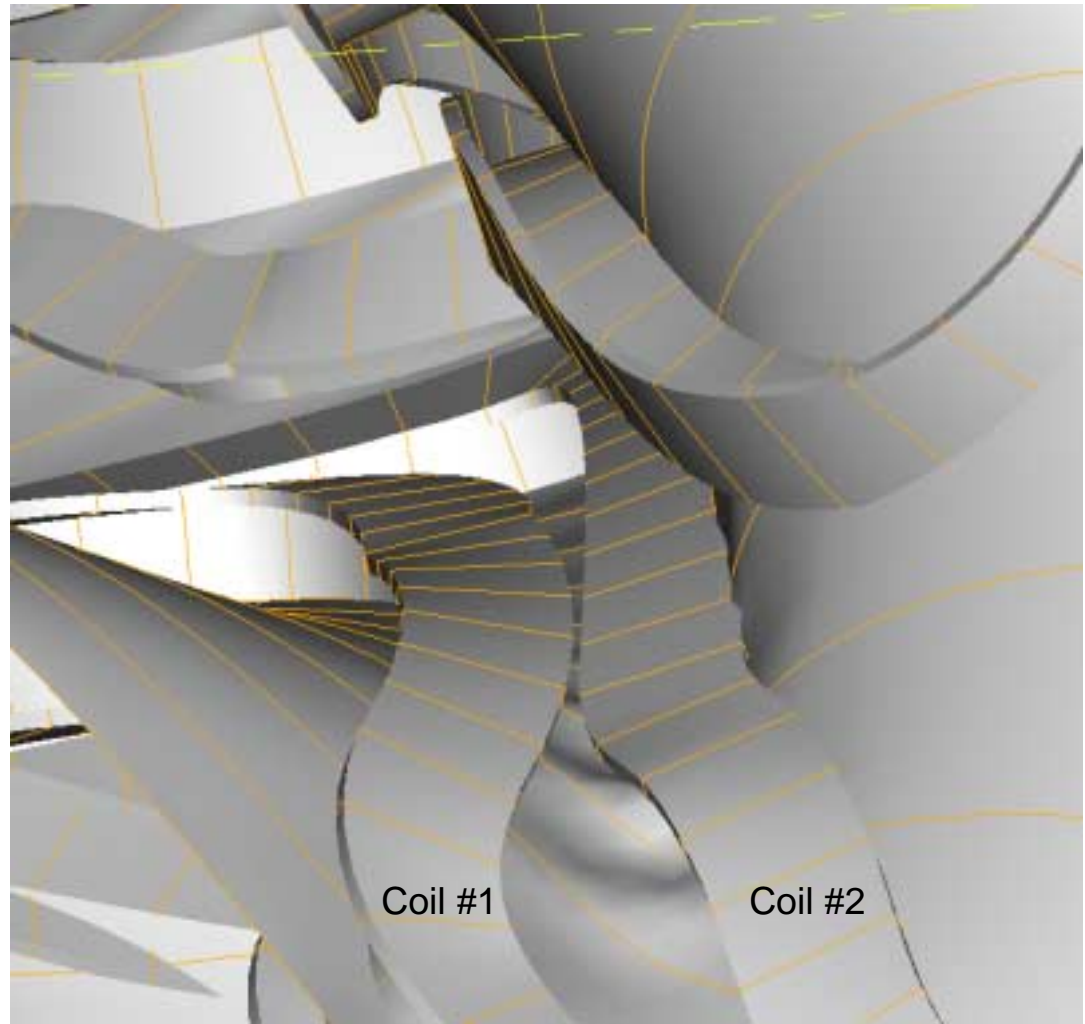
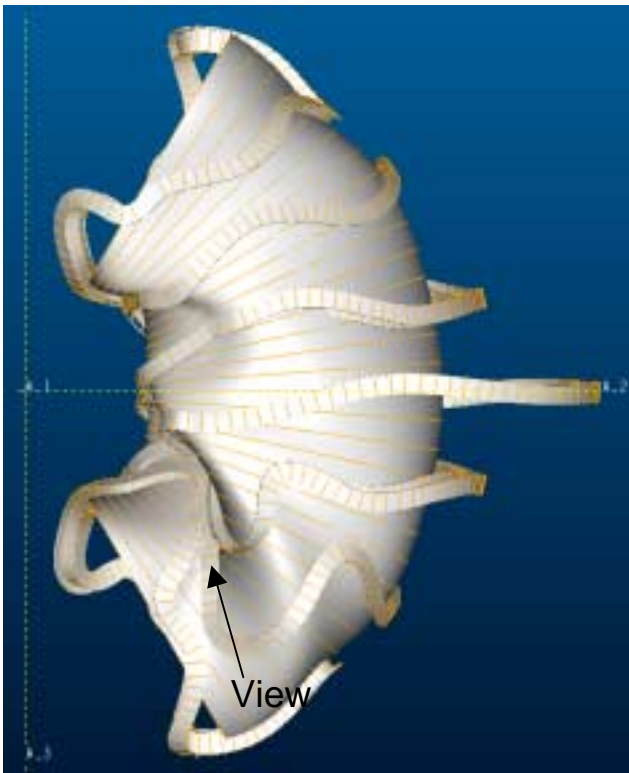


# Case 1017, 21 Modular Coils

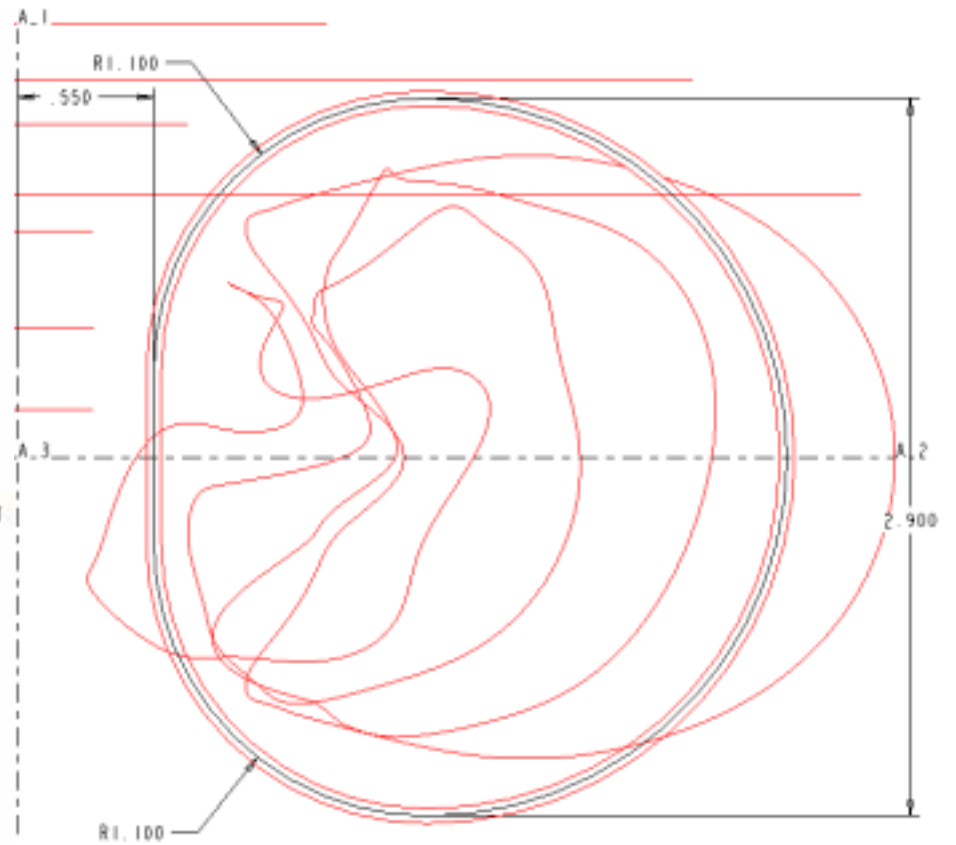
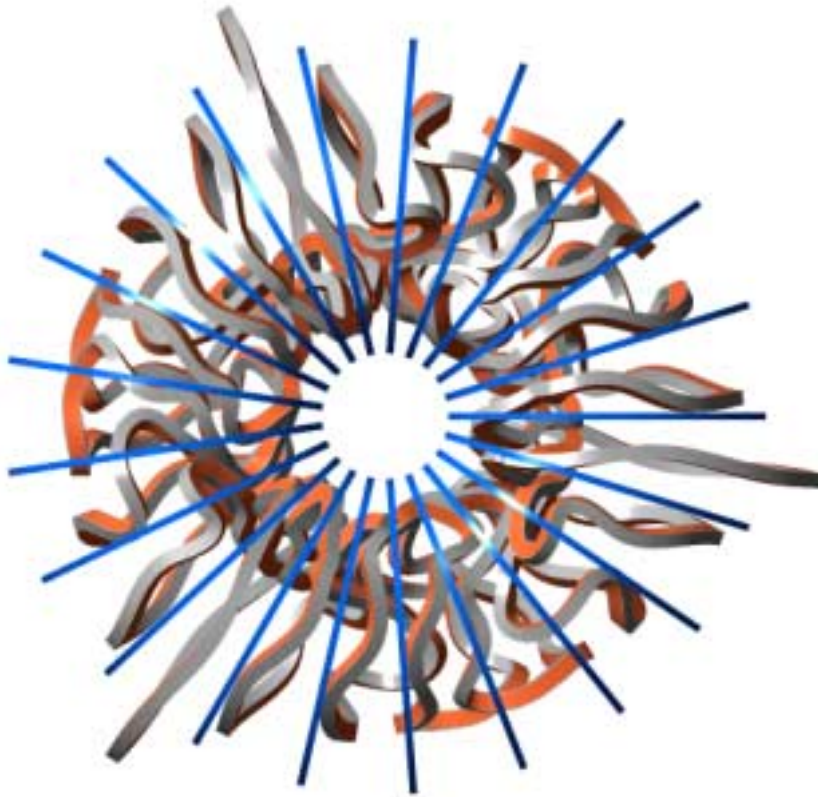
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- Coil #1-2 spacing increased from Case 1013



# TF Coil Layout

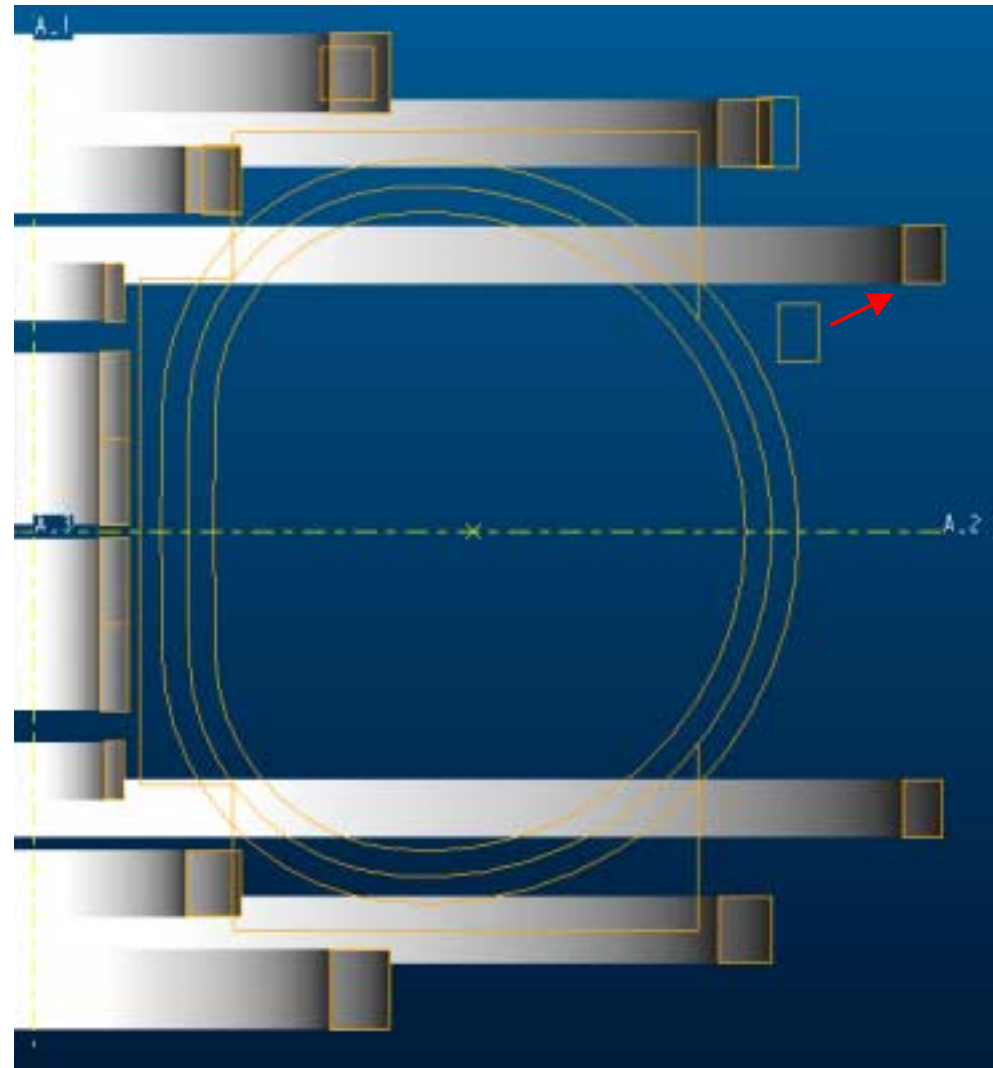
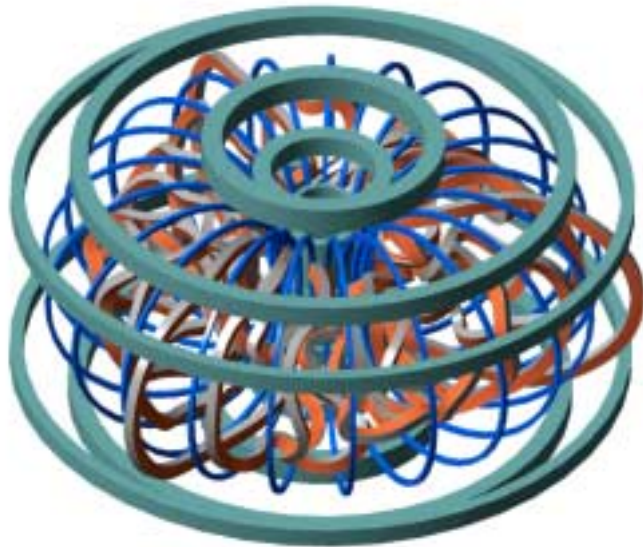
- 21 TF coils, 6x6-cm



# PF Coil Modifications

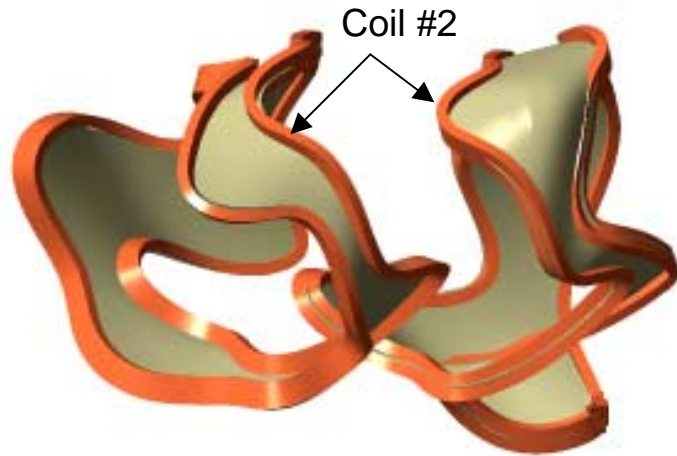
- PF7 moved to  $R=3.396\text{-m}$  (133.7-in),  $Z=\pm 1.060\text{-m}$  (41.73-in)
- Dimensions TBD

	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	



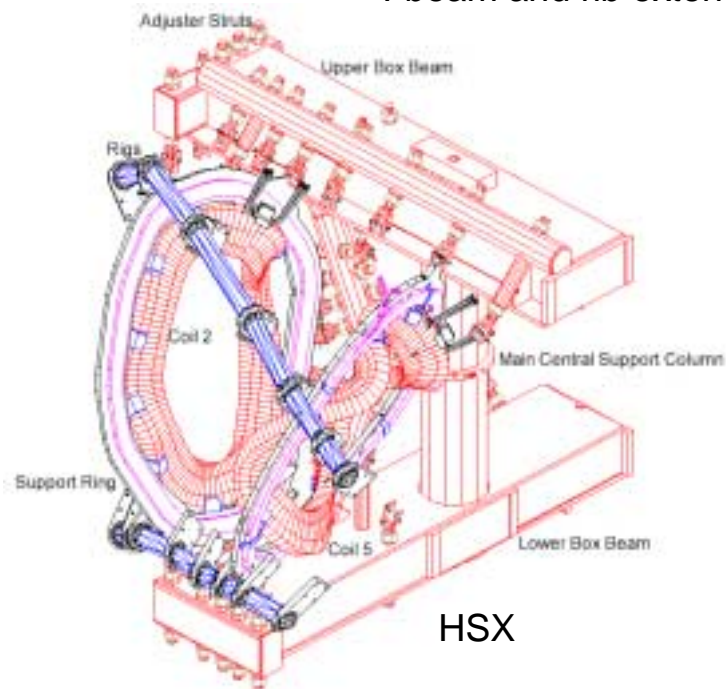
# Modular Coil Support Concepts

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

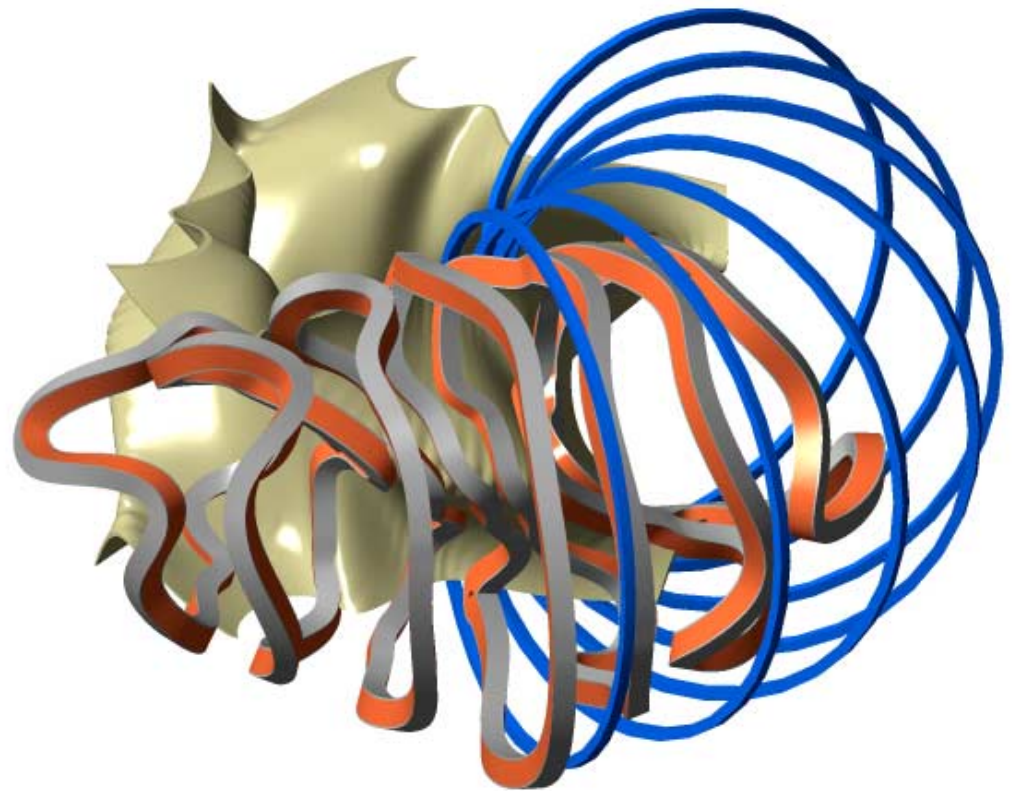
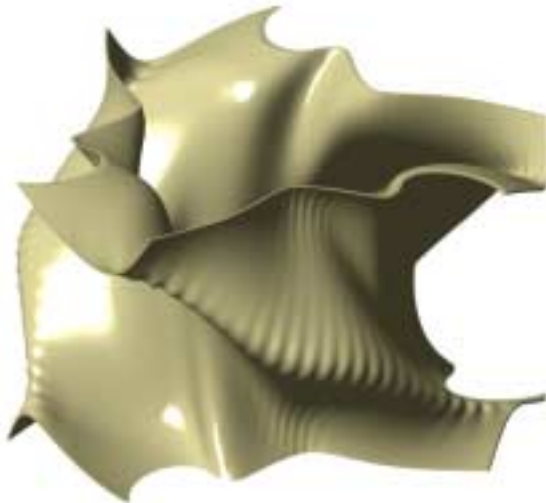
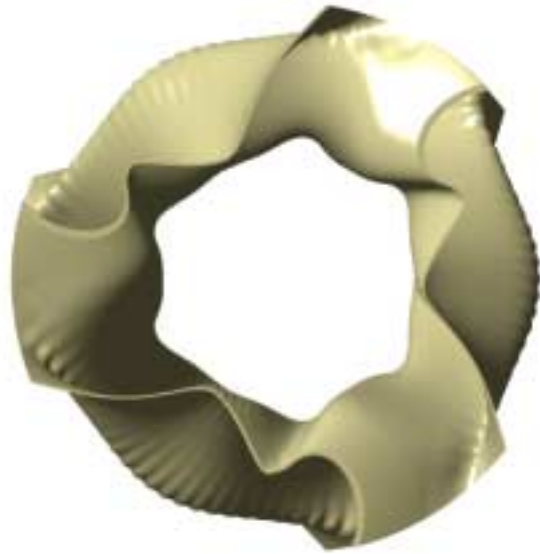
- I-beam and rib extending to outer shell with flanges.



- Discrete supports to external space frame.

# Shell-with-flanges concept, inboard region

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# Shell-with-flanges concept, outboard region

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