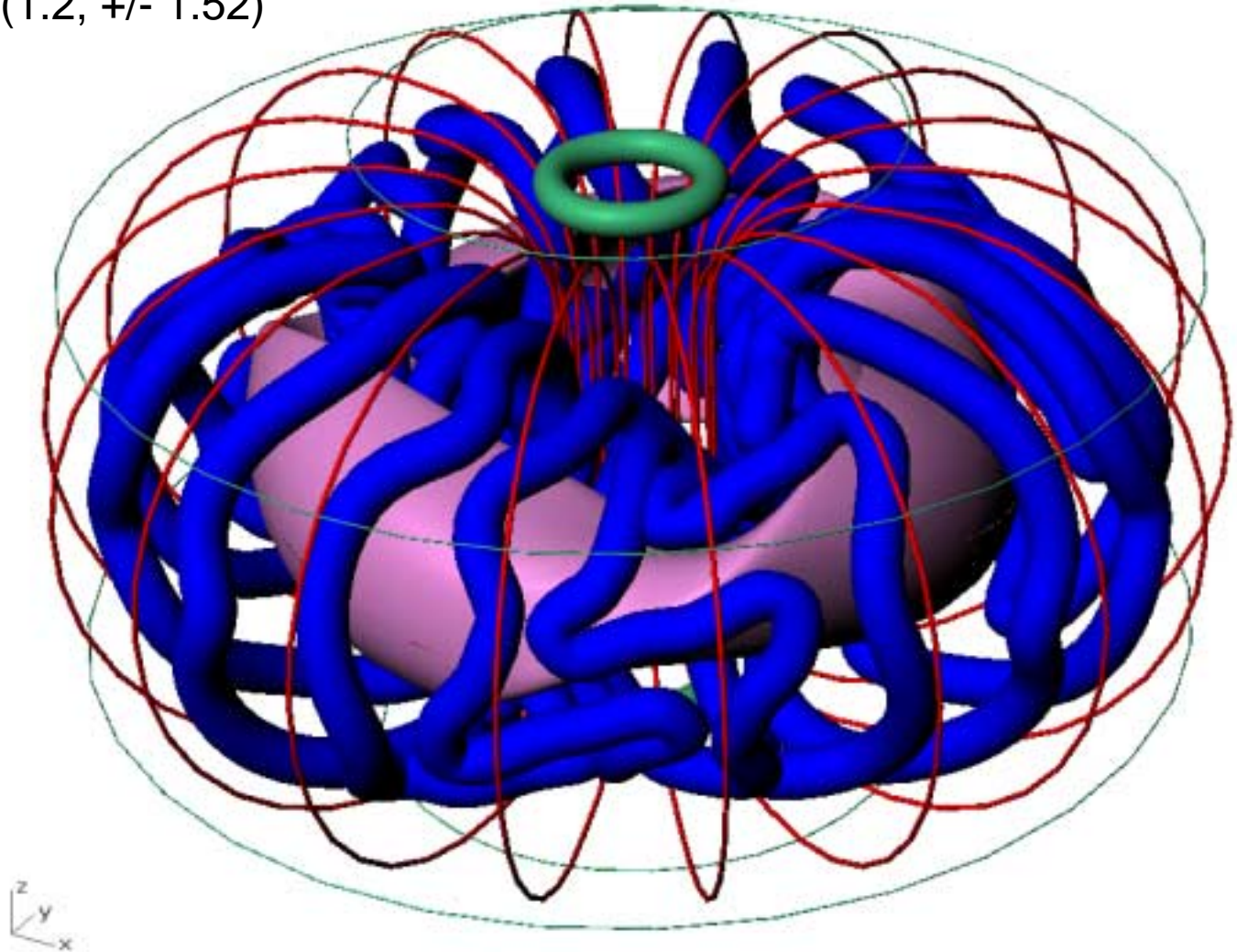


Case 0917b1

CoilOpt Filaments with Size Proportional to Current

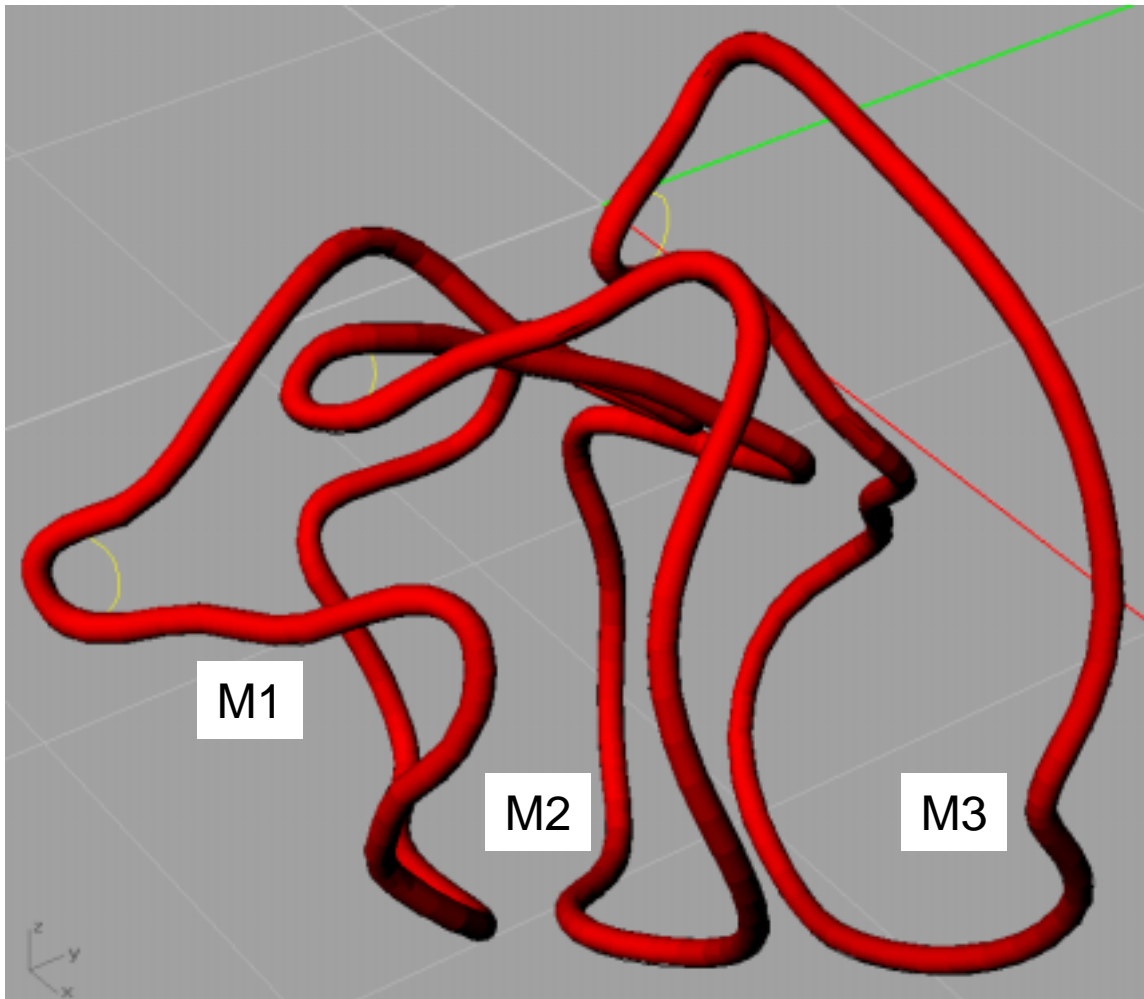
- No solenoid windings
- PF4 moved to (1.2, +/- 1.52)

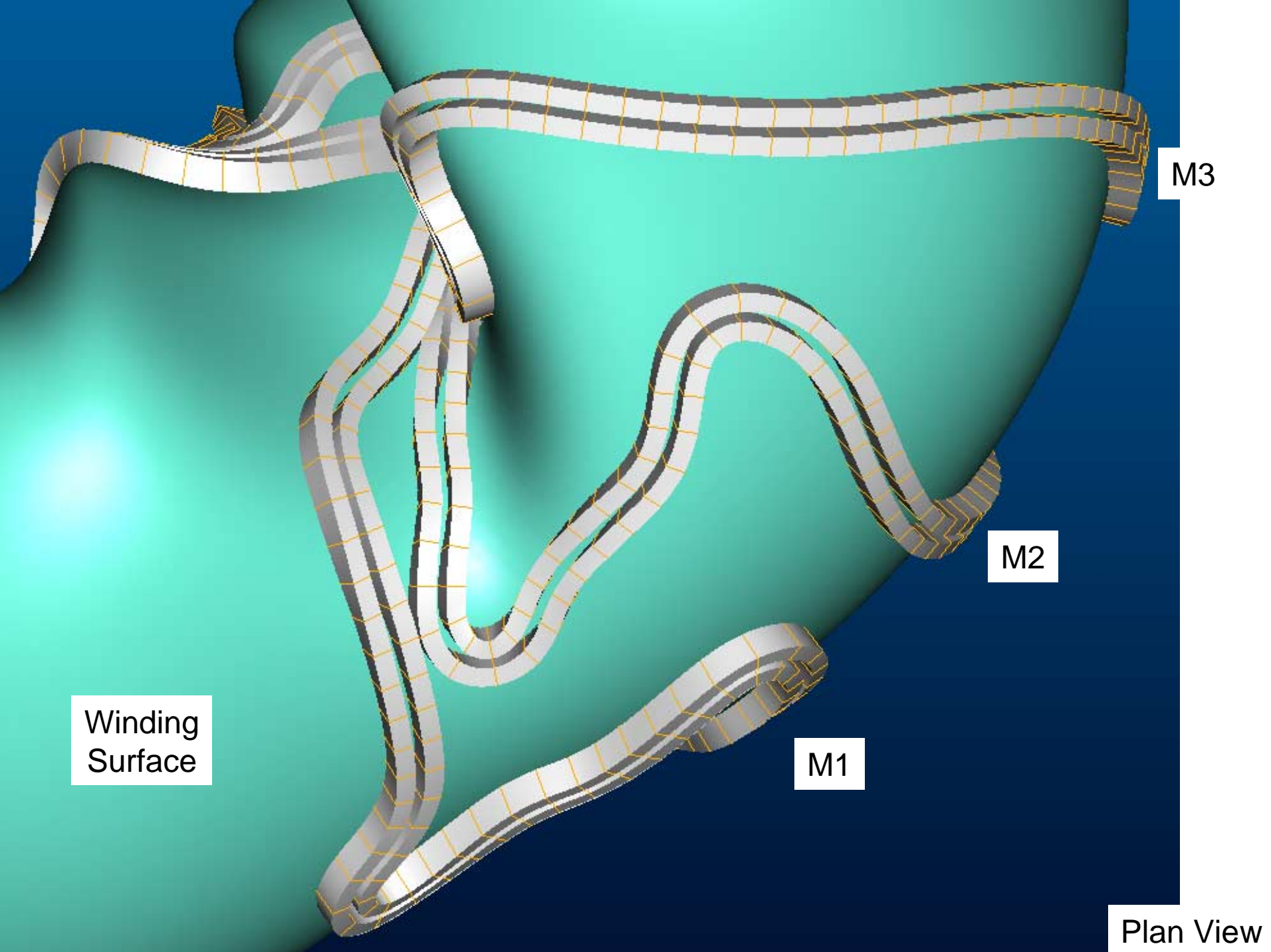
Modular Coils	Current (kA)
M1	568.6
M2	594.6
M3	609.2
TF Coils	
T1	68.0
T2	66.5
T3	65.1
PF Coils	
PF3	428.0
PF4	27.6
PF5	2.7



Case 0917b1

Coil #	Length (m)	Min Rad (cm)	C-C Min Dist (cm)	C-C Max Dist (cm)	C-P Min Dist (cm)	C-P Max Dist (cm)
M1	7.18	8.90			x	x
			10.70	81.60		
M2	7.15	8.90			x	x
			12.20	82.30		
M3	7.11	9.60			x	x





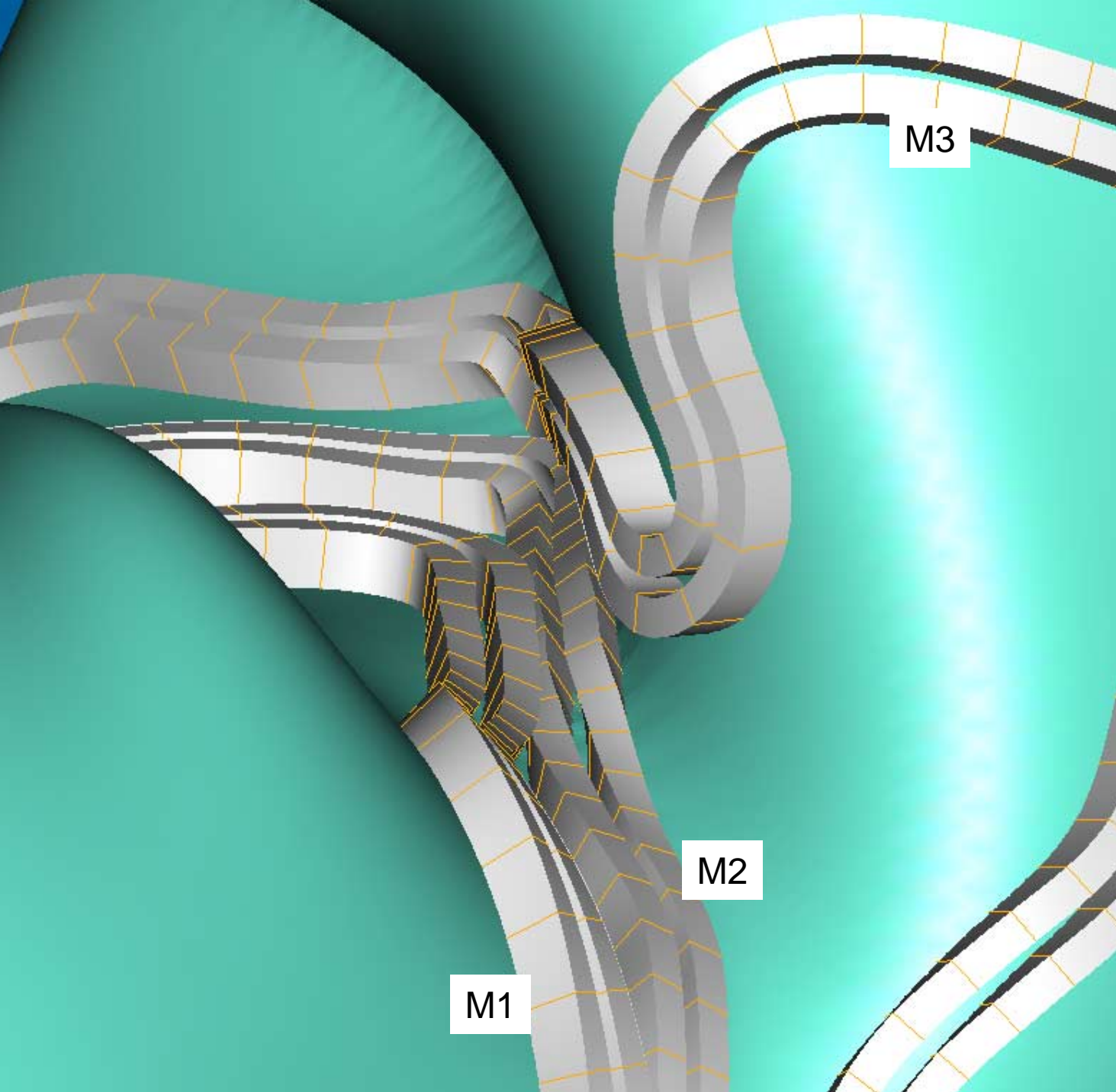
Winding
Surface

M1

M2

M3

Plan View

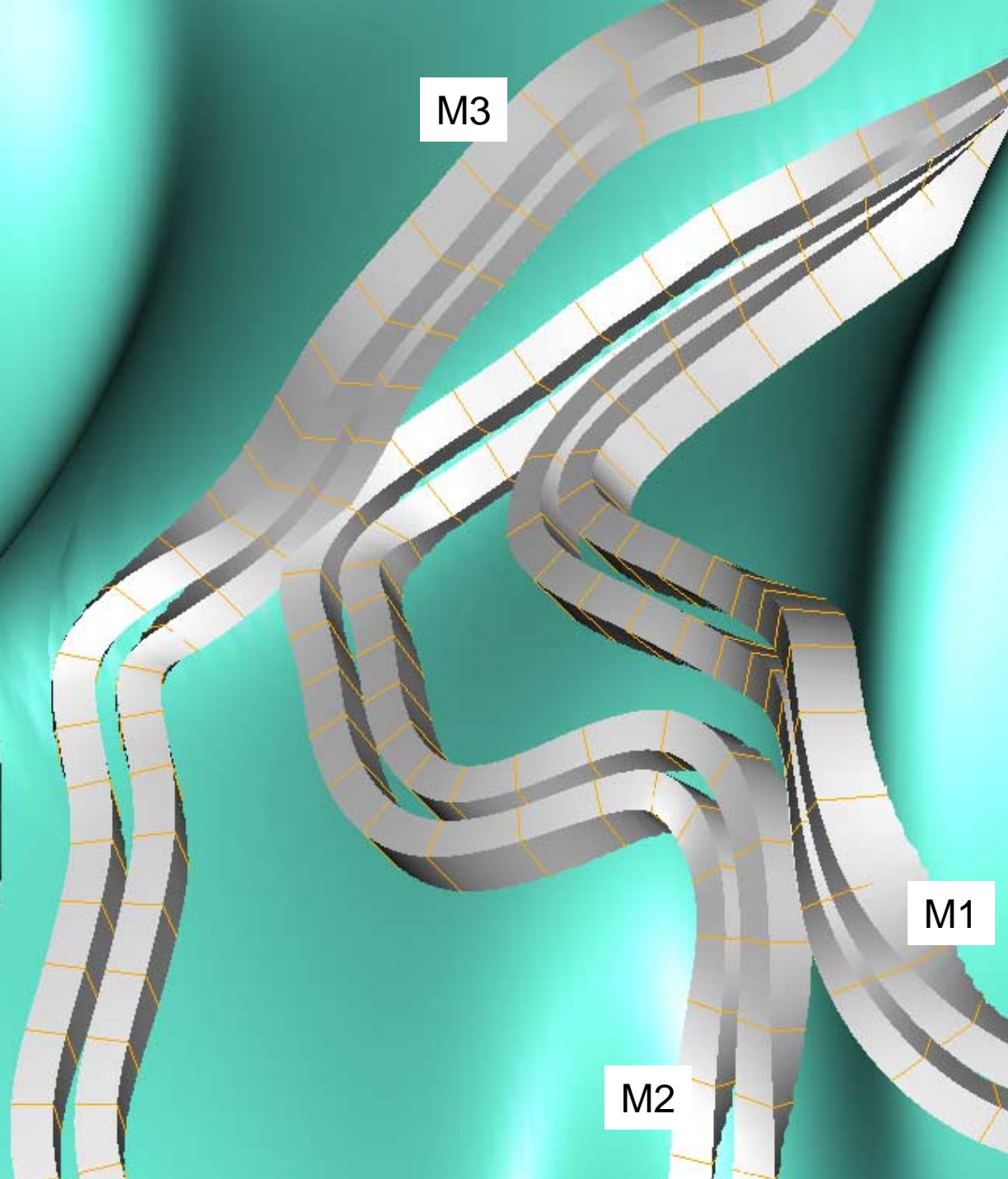


M1

M2

M3

Inboard Region



M3

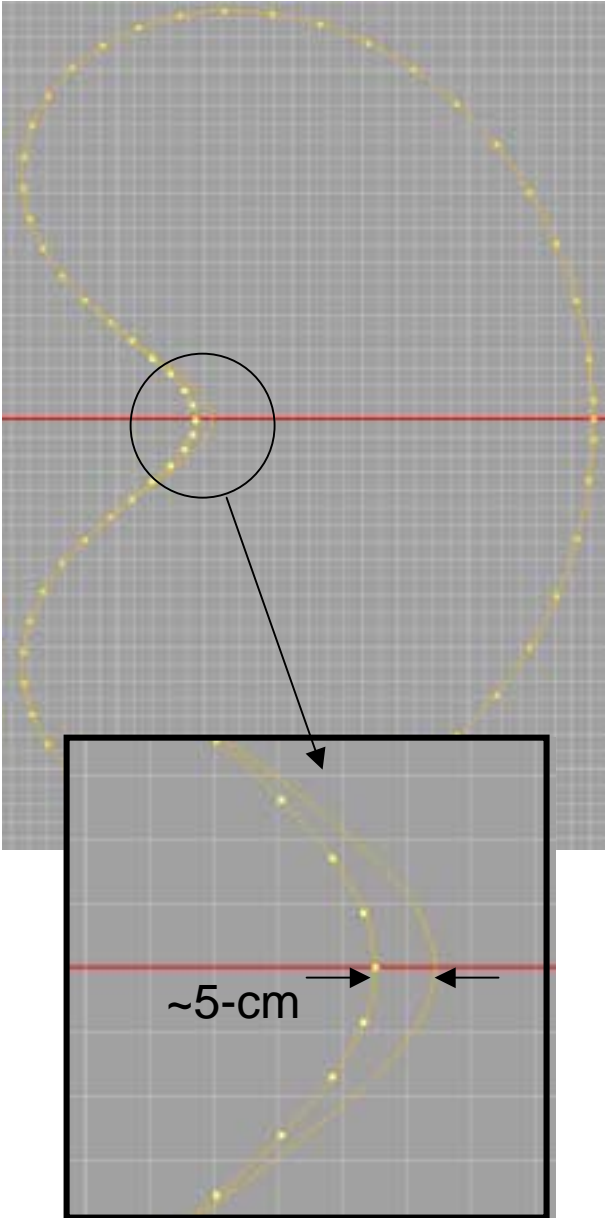
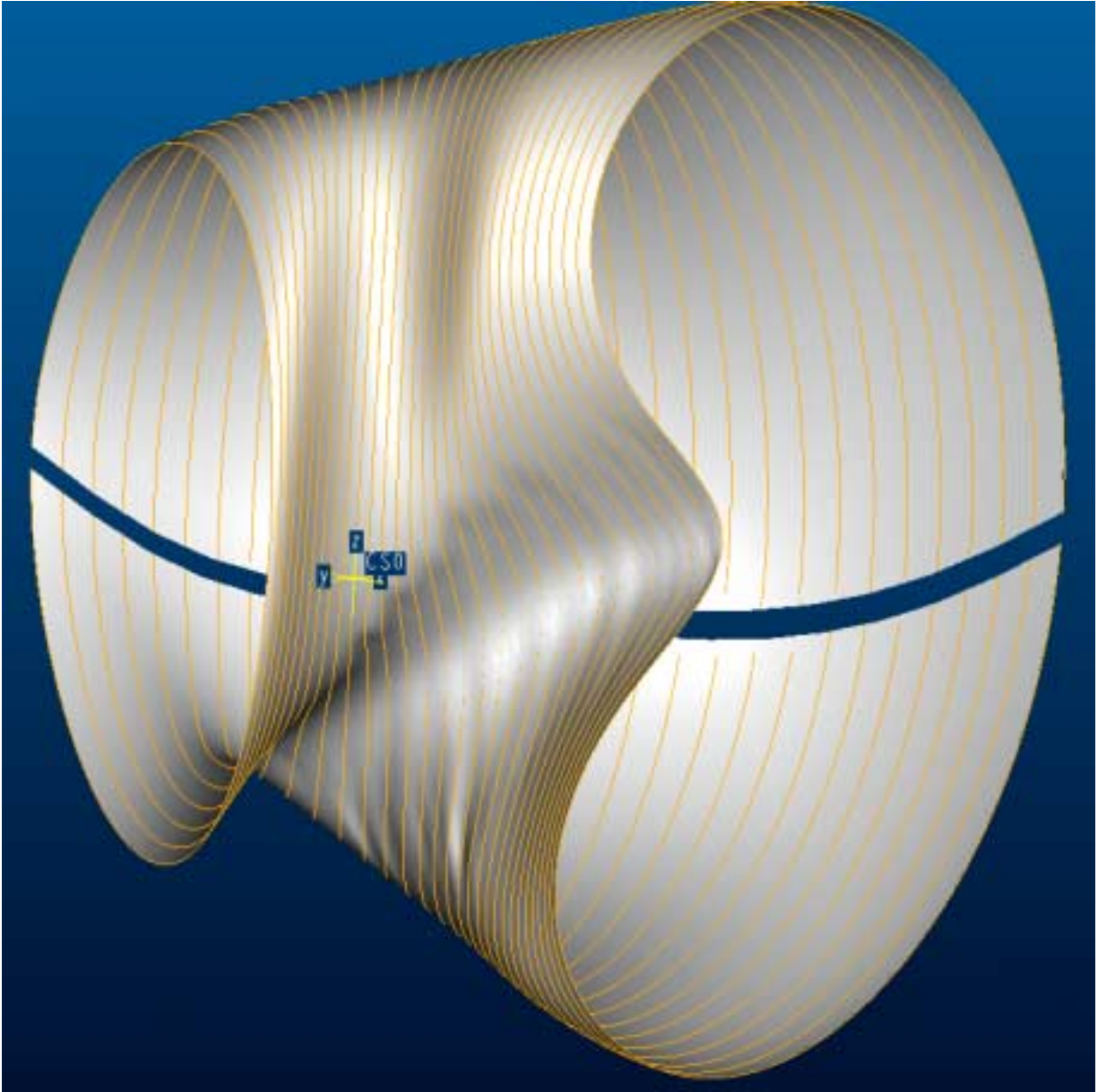


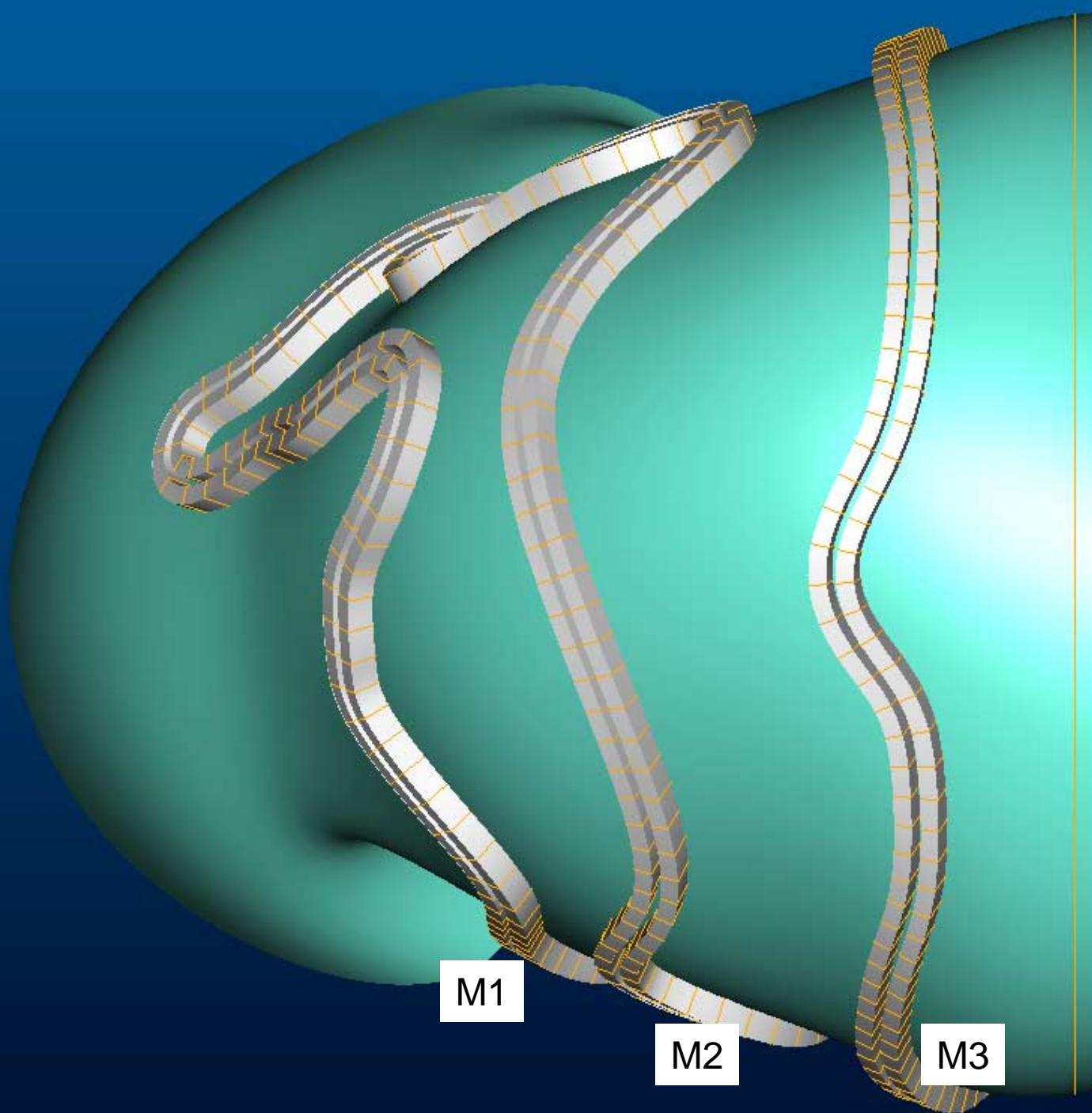
M1

M2

Inside Elevation

Case 0831a1_f2 – Inboard Winding Surface Modification





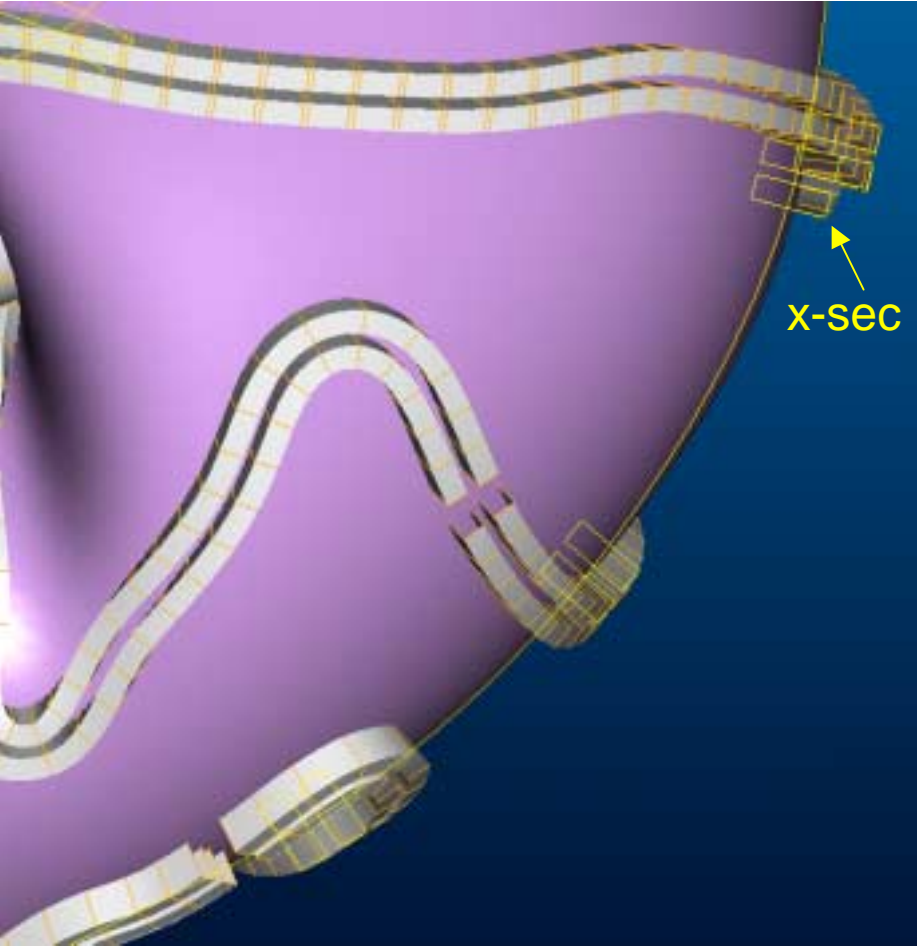
M1

M2

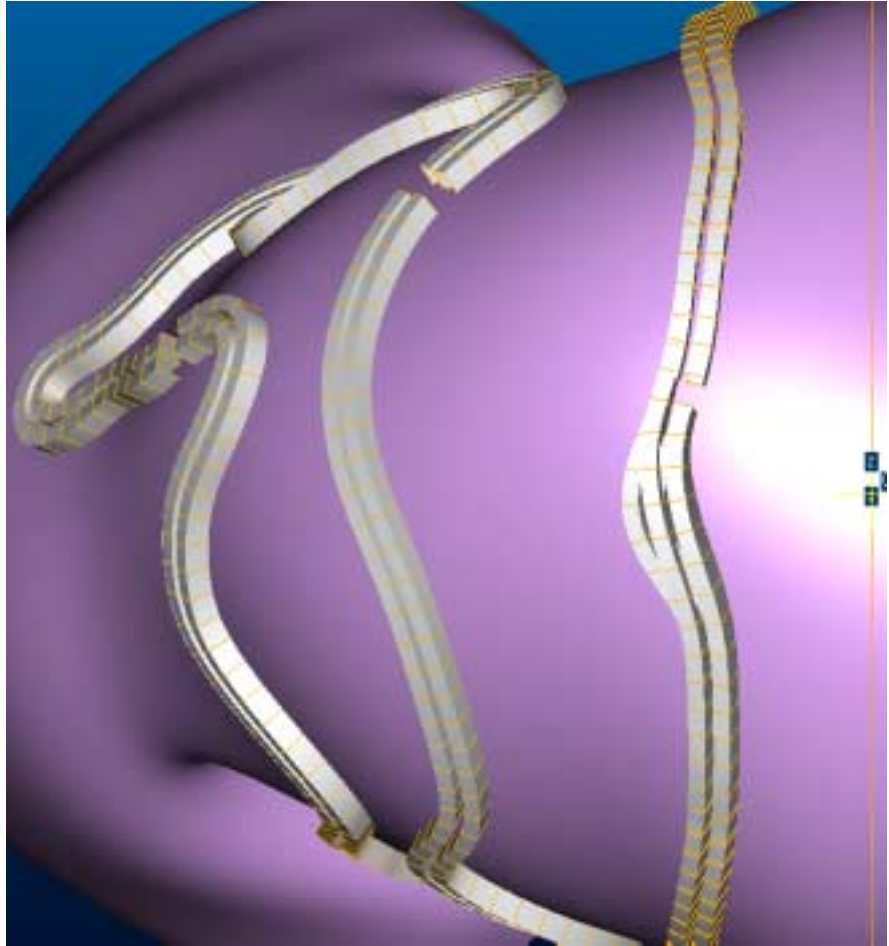
M3

Outside Elevation

Case 0831a1_f2 – Coil M3 Outboard Modification



Plan View



Outboard Elevation