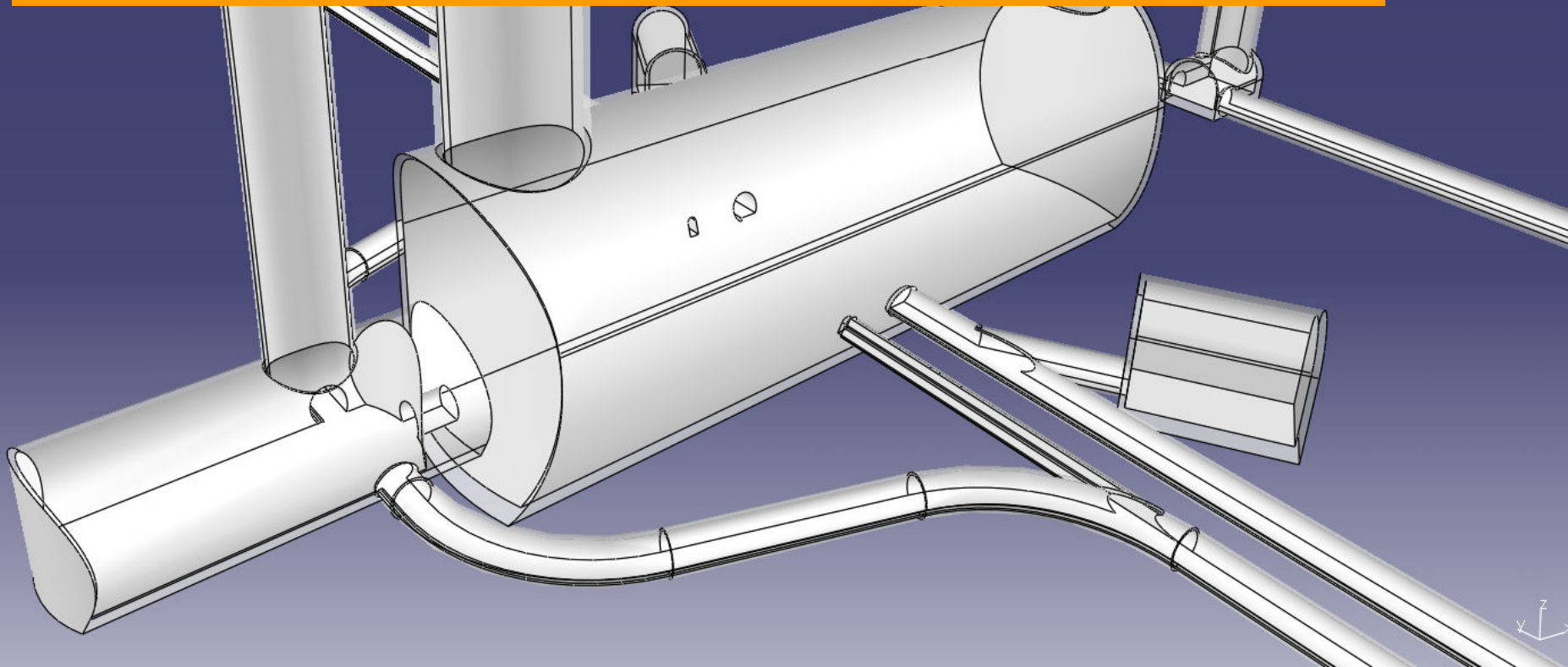


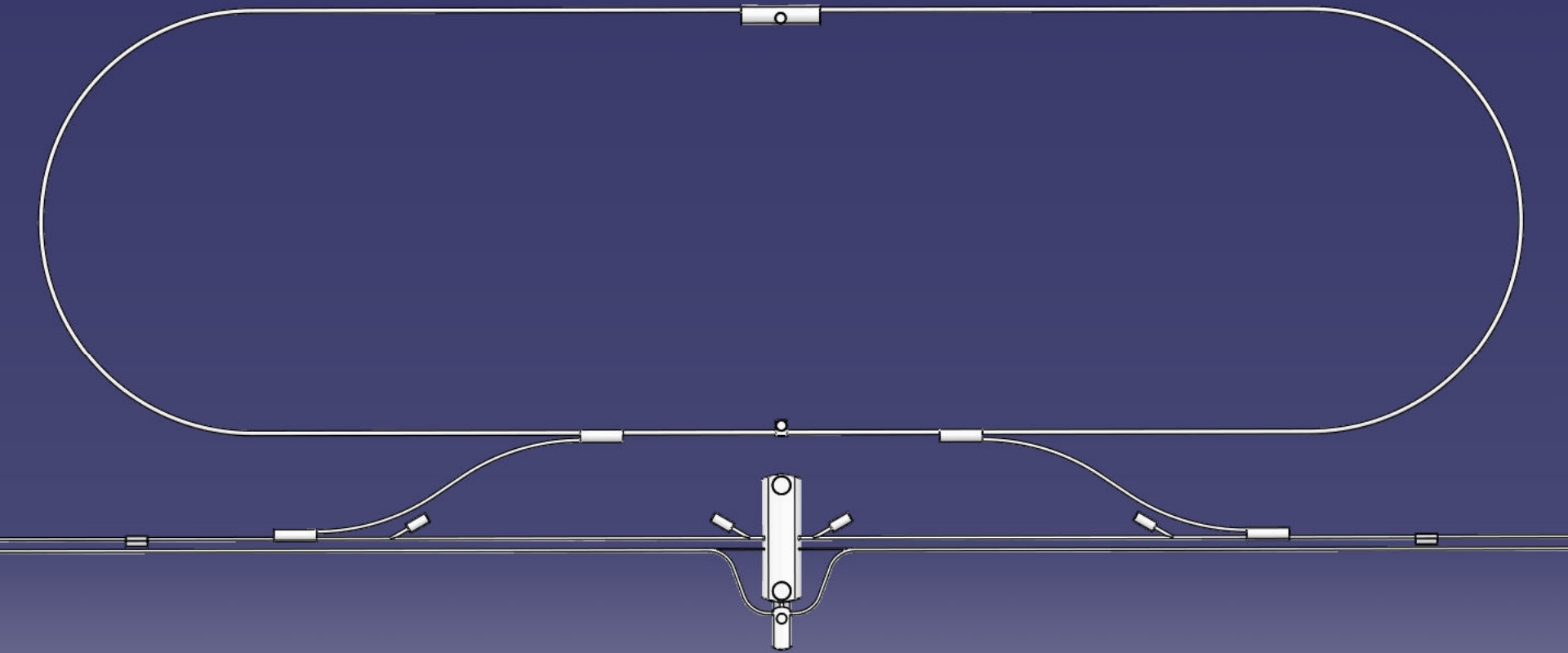
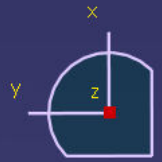
CERN 3d CATIA

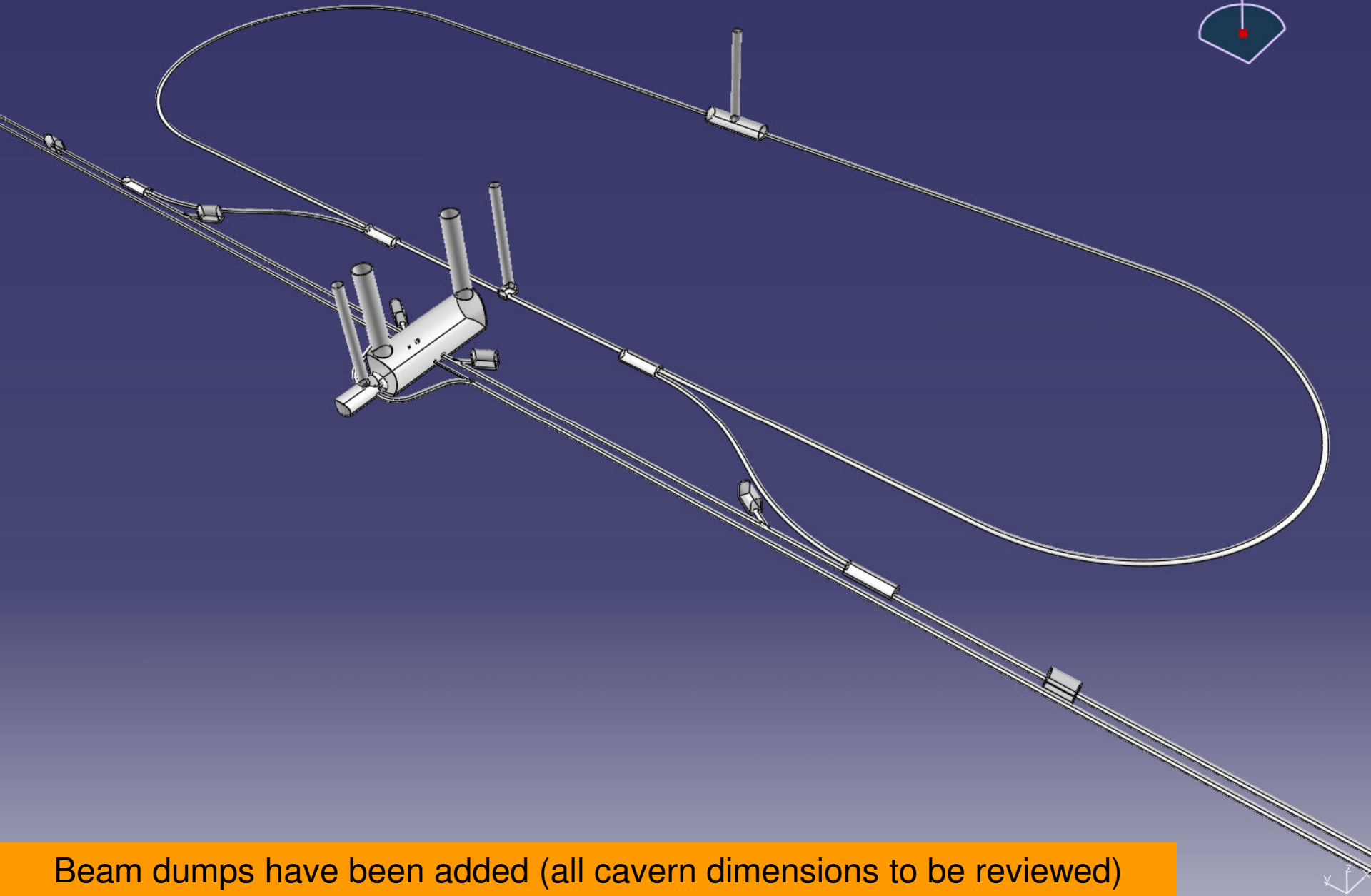
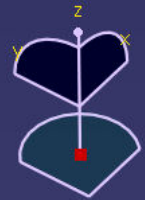
J.Osborne / A.Kosmicki 3 September 2009

ILC CFS AD&I Daresbury Lab



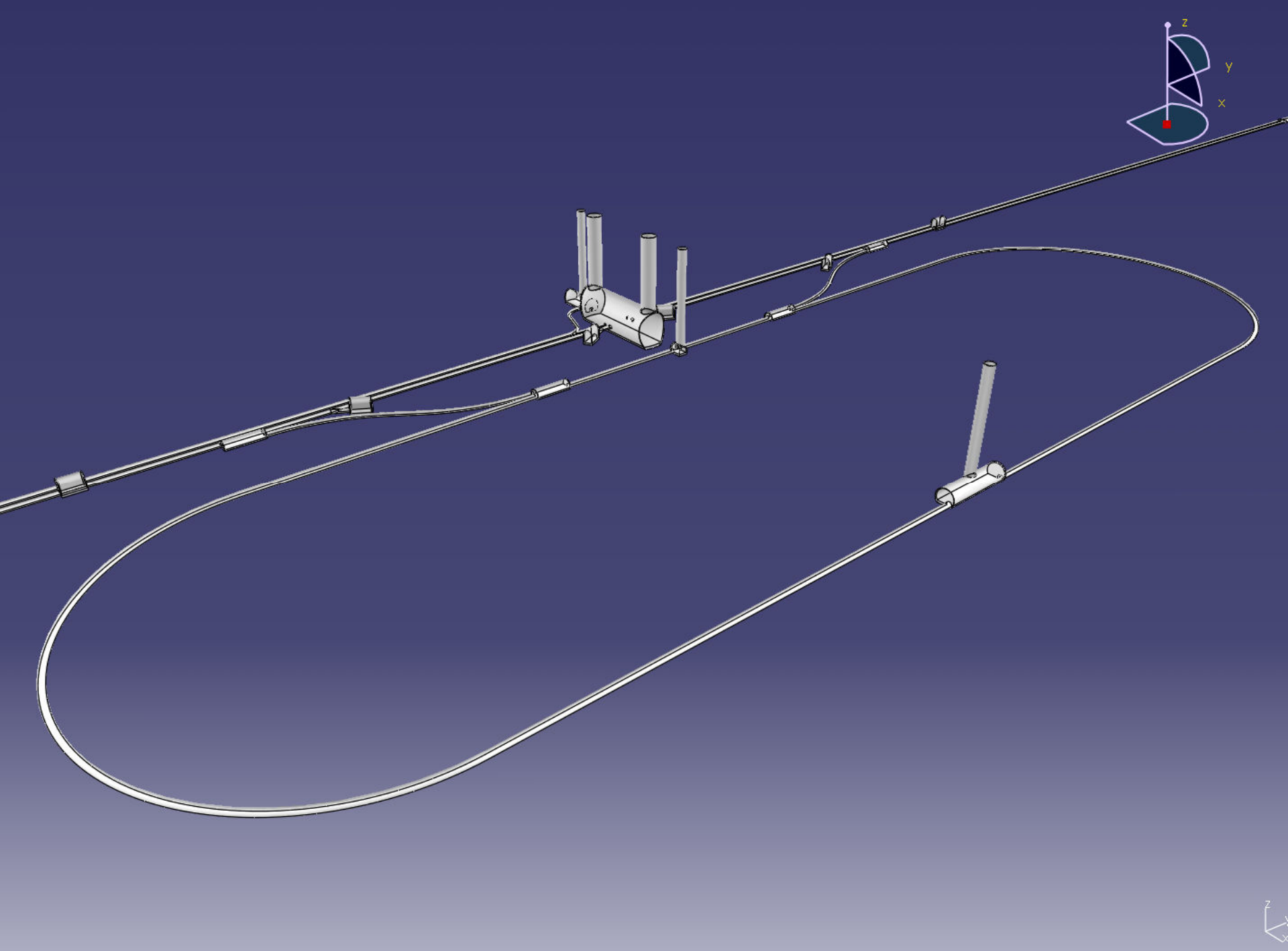
3.2km long 'racetrack' damping ring

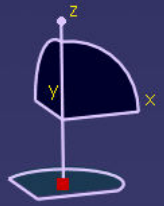
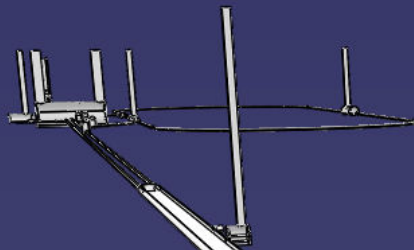




Beam dumps have been added (all cavern dimensions to be reviewed)

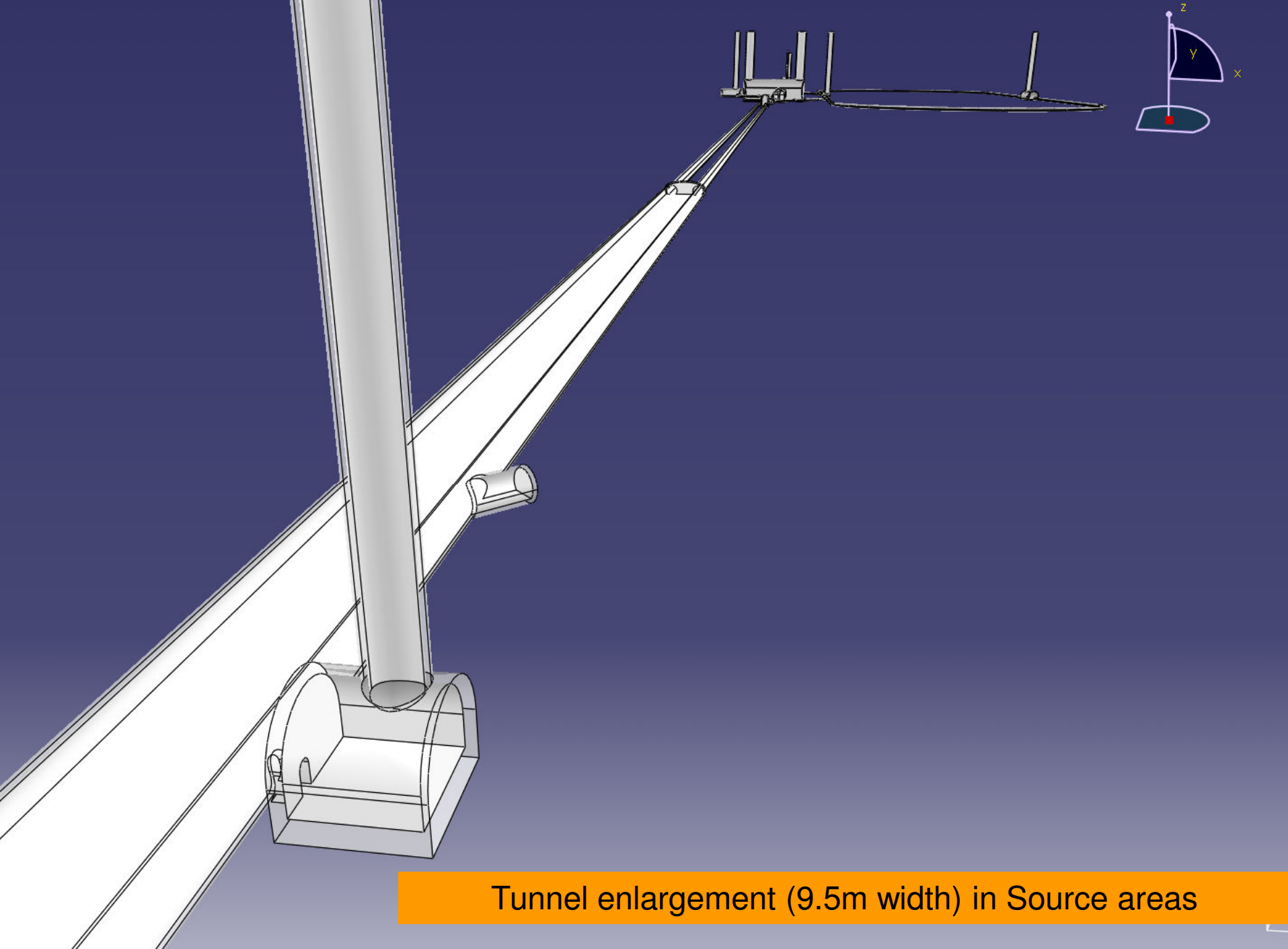




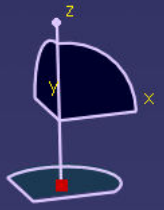


5.2m diameter Single tunnel beyond shafts 2 and 3



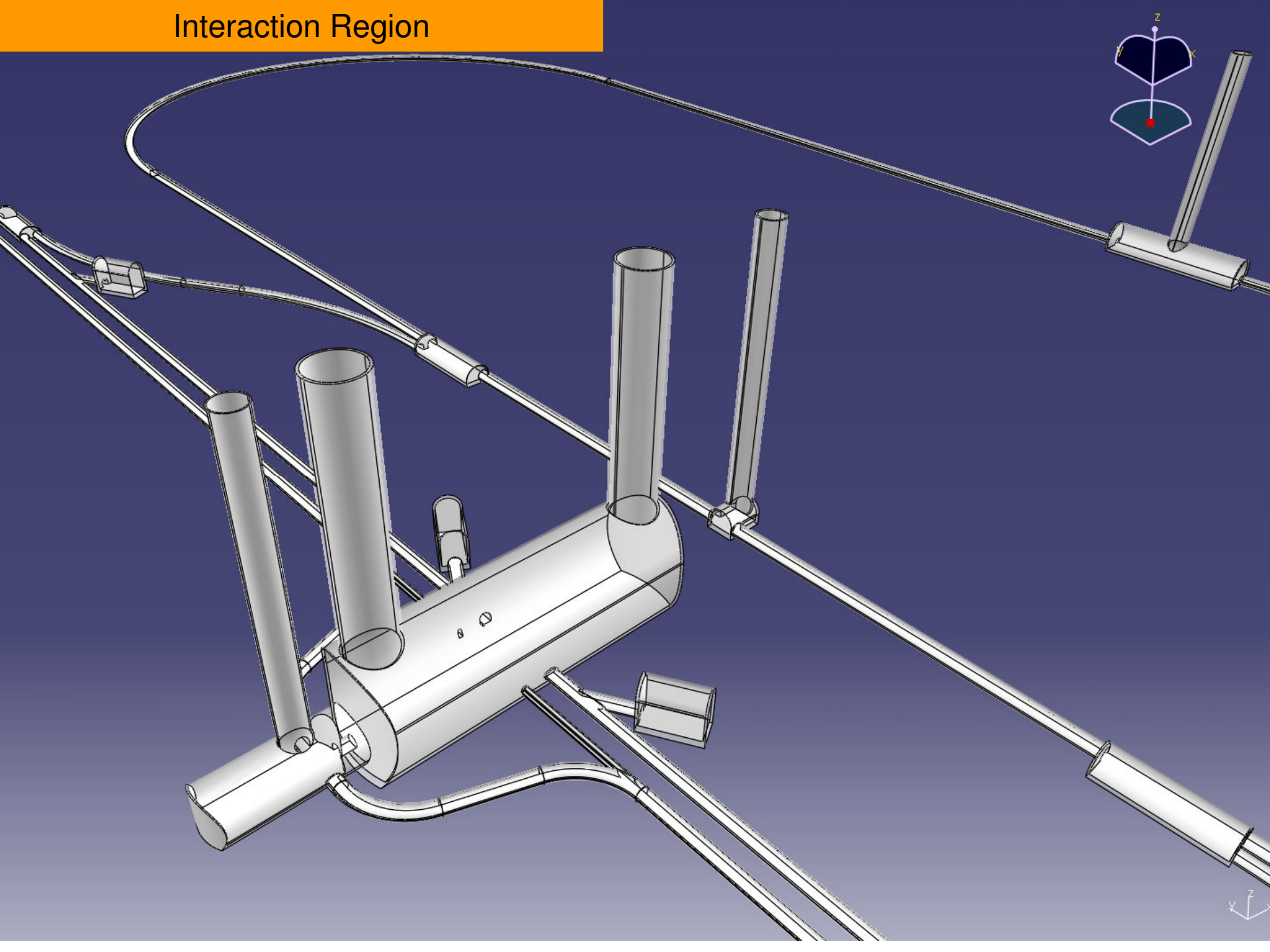


Tunnel enlargement (9.5m width) in Source areas



5.2m diameter service tunnel and machine tunnel leading up to experimental area

Interaction Region



Interaction Region (Is Bypass tunnel required ? Move service cavern to other side, and share machine shaft ?)

