# MCBXFB Coils assignation

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# Outline

- Inner coils: ICBS 09 / 15 / 16 / 17 / 18
- Outer coils: OCBS 05 / 08 / 14 / 15 / 16 / 17

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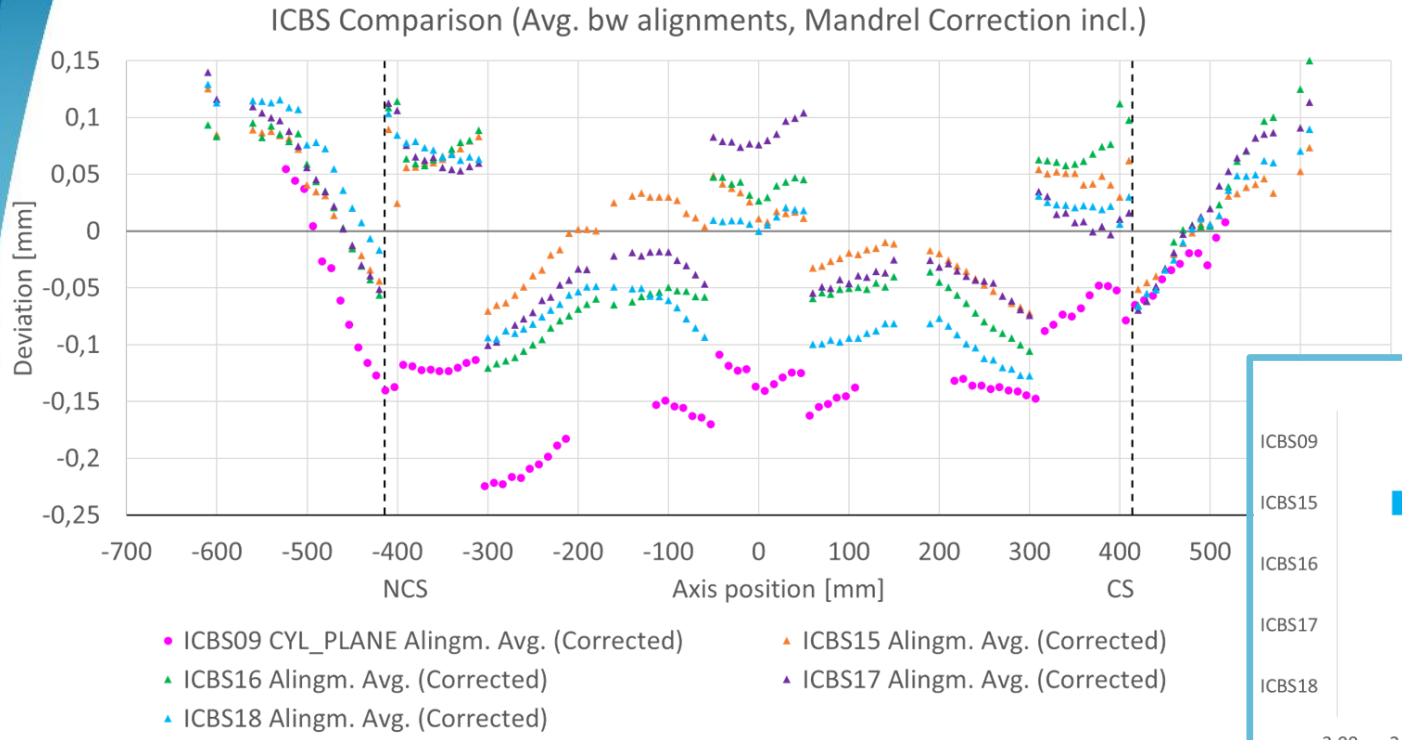
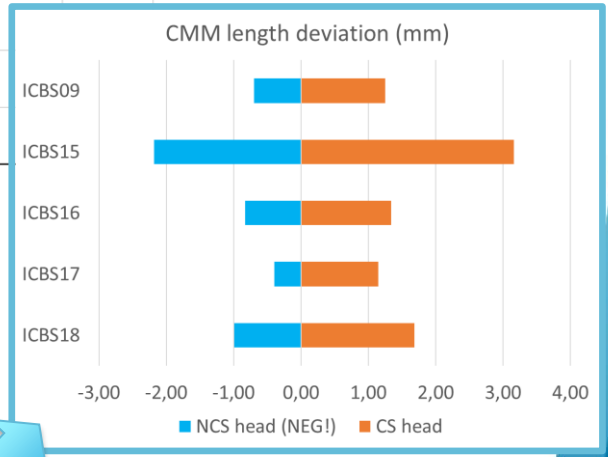
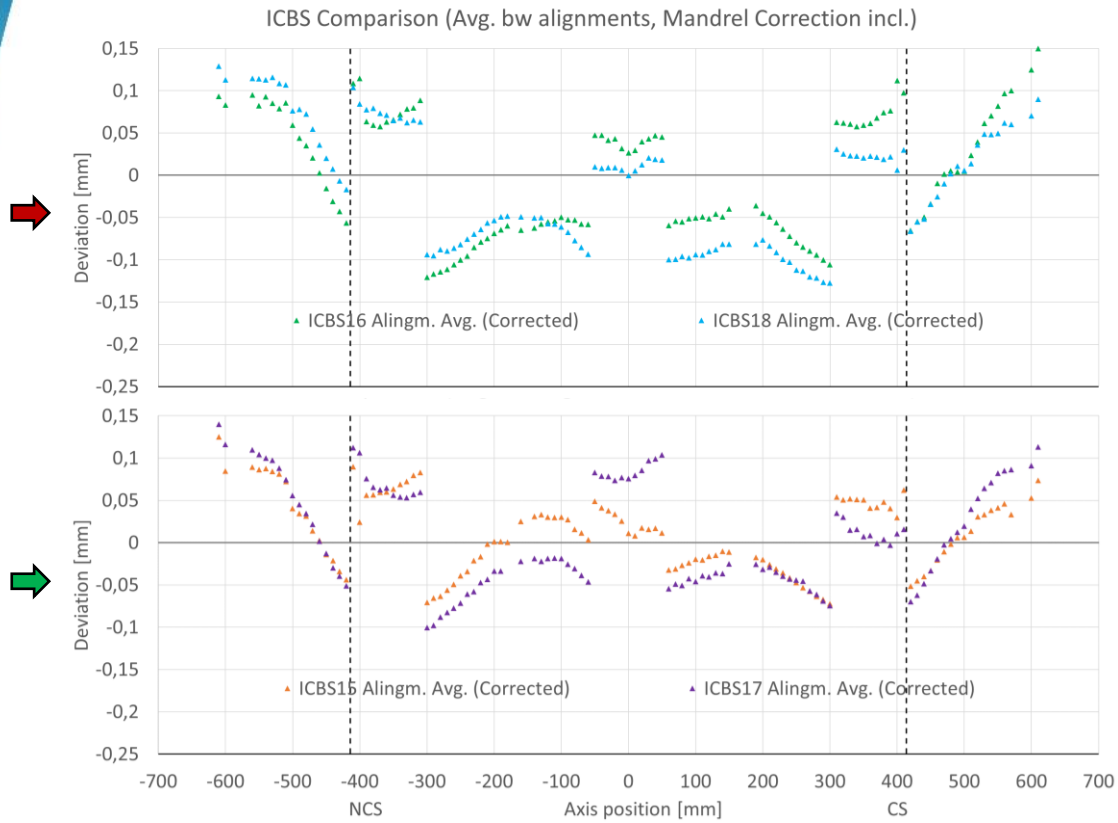



- **ICBS09 should wait for another coil with a similar azimuthal profile**
- **All profiles in 0,25 mm range aprox.**

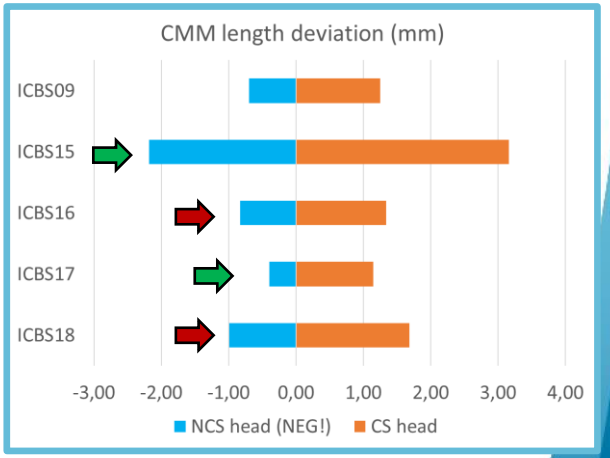



**NCS overdimension is showed in negative values only for better visualization**

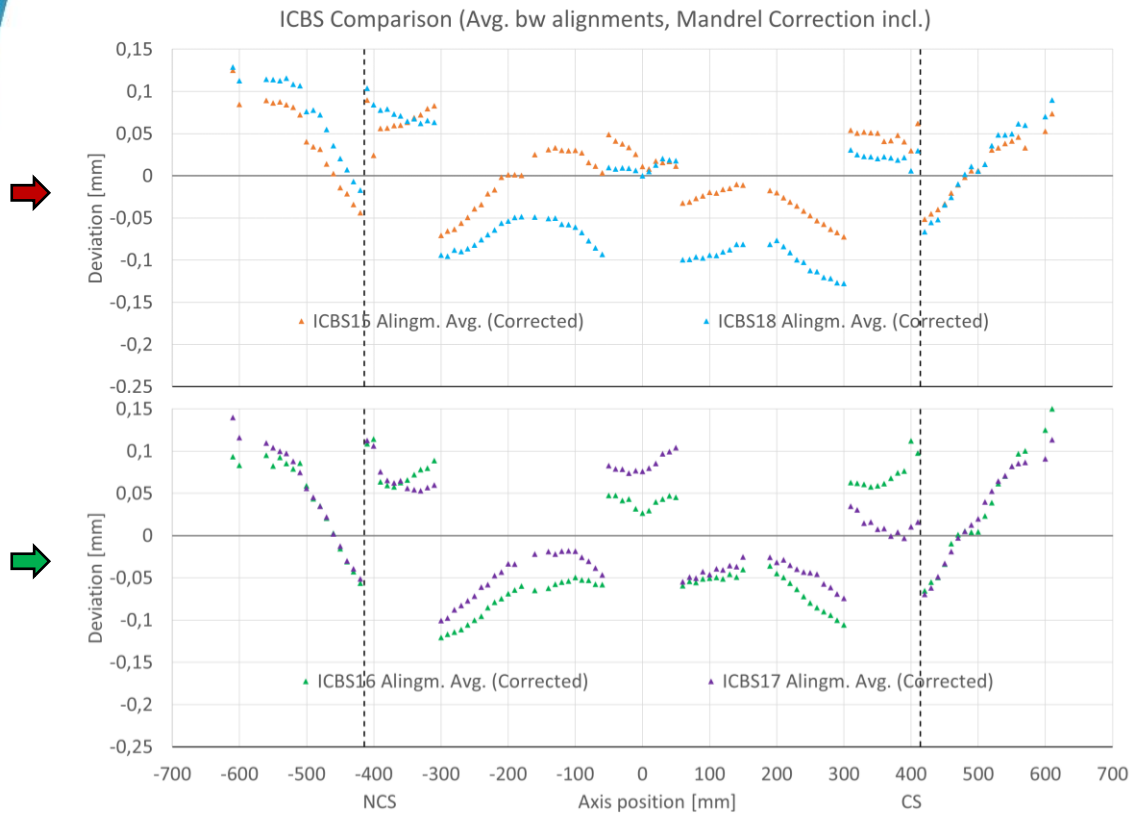
# First proposal: 16+18 / 15+17



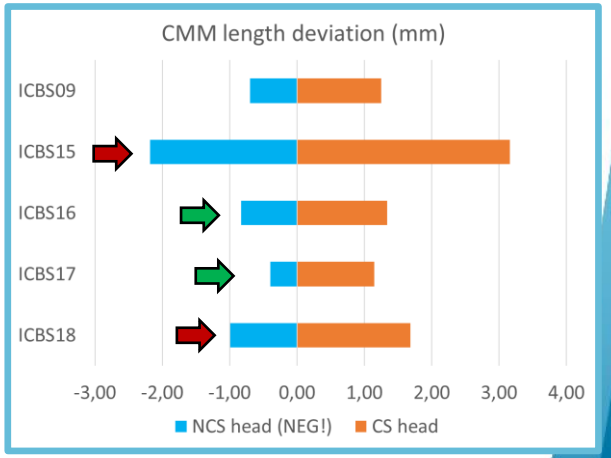

**Best azimuthal match**



# Second proposal: 15+18 / 16+17




**Better longitudinal match**



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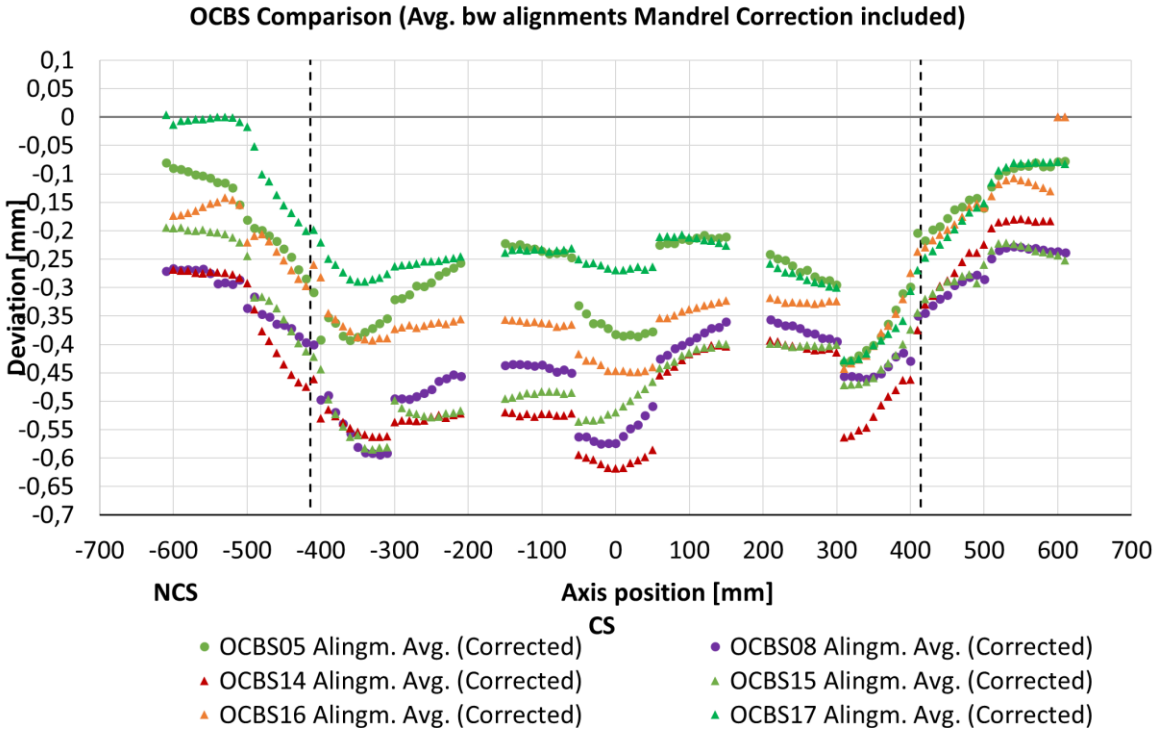
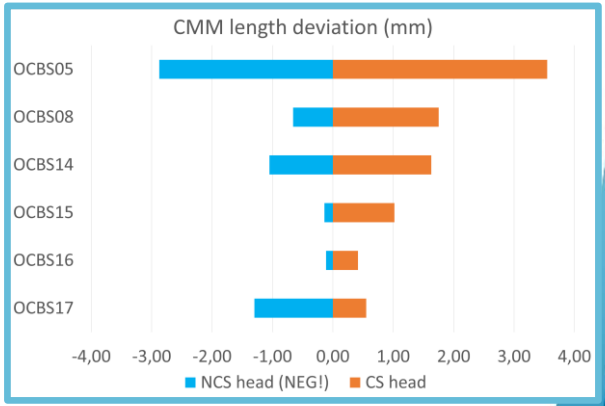
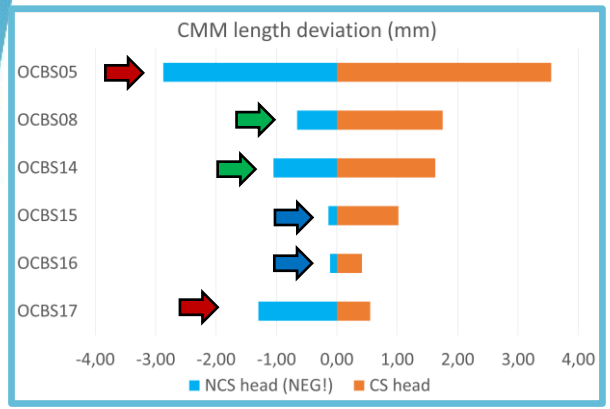
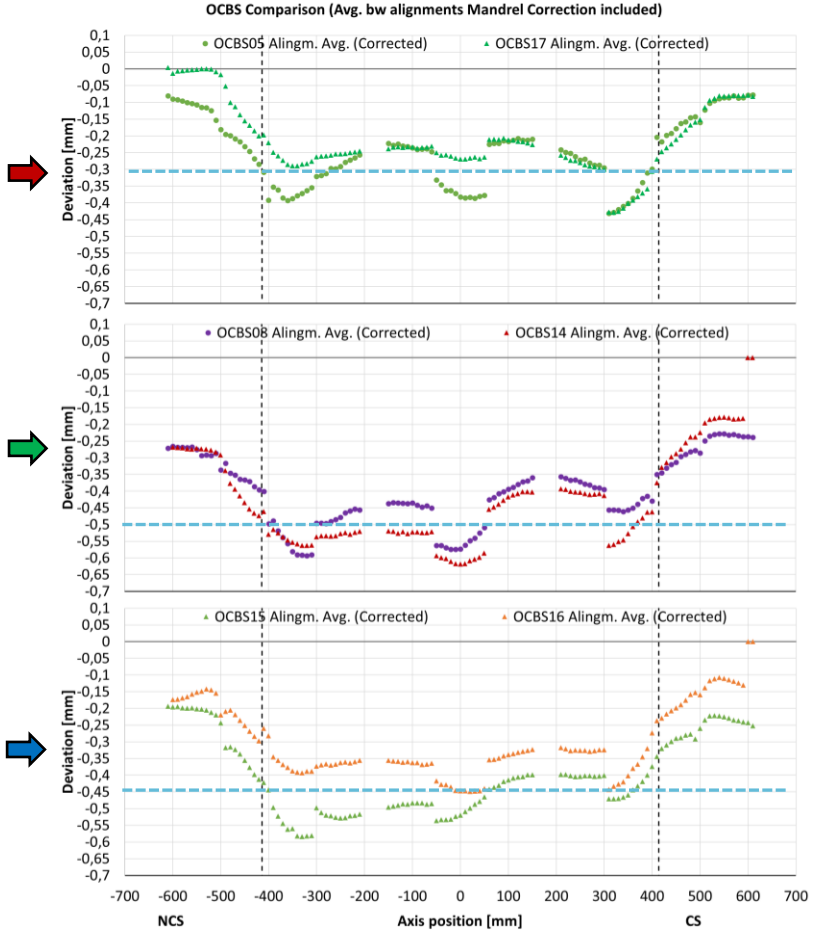



- **OCBS05 is particularly long**
- **Wide range: 0.45 mm aprox.**



# Proposal: 05+17 / 08+14 / 15+16



# Conclusions

- Inner coils: ICBS 15+18 / 16+17 (2nd proposal)
- Outer coils: OCBS 05+17 / 08+14 / 15+16