

B3T Magnet Issue

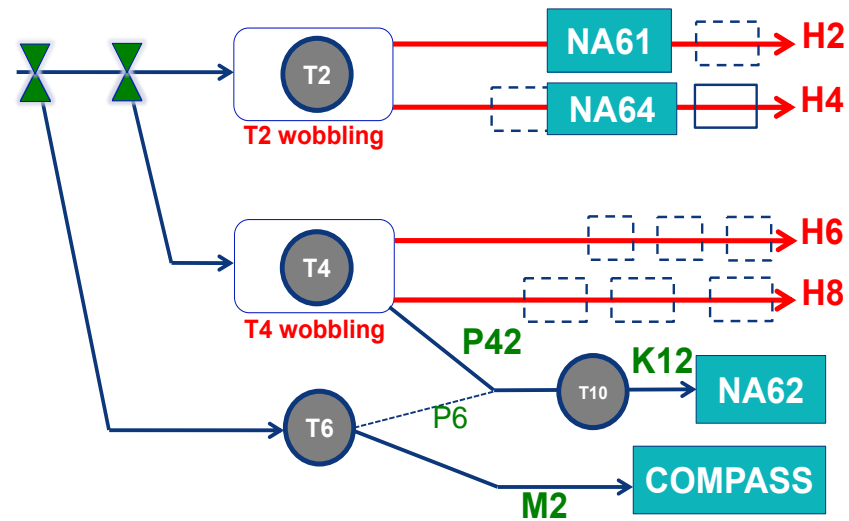
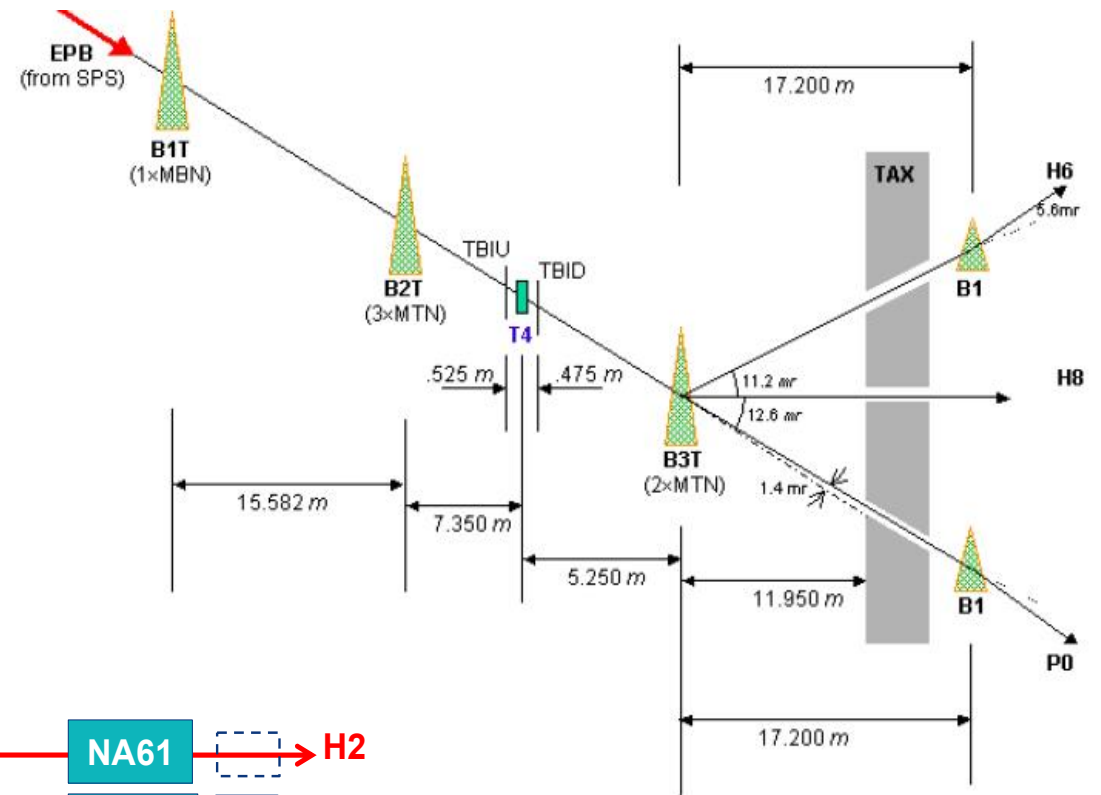
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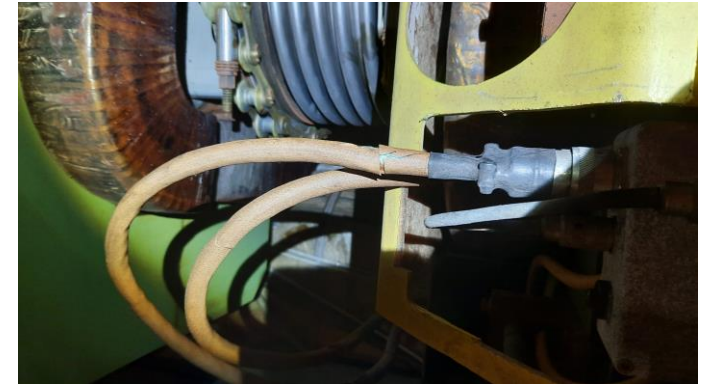
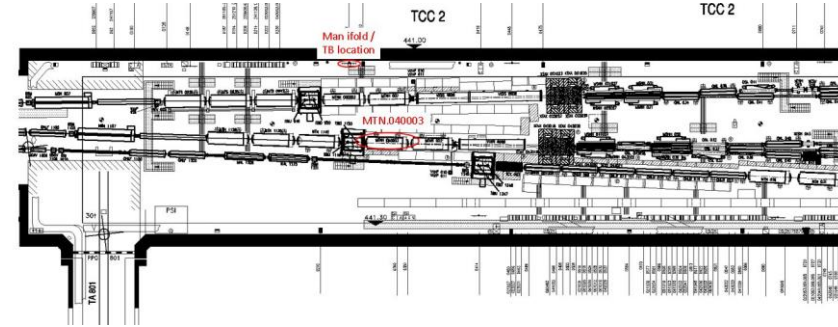
Wobbling

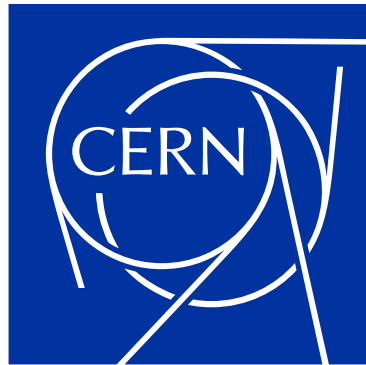
- The SPS primary beam is split between the three production targets. The T2 and T4 targets are surrounded by dipole magnets, which allow
 - a change of the incident angle
 - distributing the produced secondary particles between the downstream beam lines.
- This is used to provide beams to different users at the same time.



Issue with B3T

- Since Wednesday evening, there is an interlock fault on one of the wobbling magnets that is located just downstream of T4.
- A repair attempt was tried on Thursday, but had to be stopped as the magnet team intervening took a substantial dose.
- Since then, several possible solutions have been identified. The most promising seems to be adding of new interlock elements to the magnet, which is prepared at the moment. If this fails, the magnet might need to be replaced entirely.
- We expect currently no delay or only a small delay for the physics start on Monday and will know more on Friday evening.
- Most beam commissioning is completed, leaving only NA62 with up to one week of delay.
- We apologise for the inconvenience. All teams are trying their best to be ready in time.





Thank you very much for your attention!

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