

Impact on project schedule and commissioning time

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PSB Upgrade
LIU Project



Magnetic Measurements

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assume magnets can be ready by LS2 (\rightarrow A. Newborough)

integral field (BdL) vs. position and current can be done in
1-2 weeks (including analysis of test results)

[M. Buzio]



Installation

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- installation before LS2 not possible
- would need to be done together with the installation of the new injection line and injection equipment

1 day removal of old magnets

1 day installation of new magnets

manpower: 3 persons

[I. Ruehl]

prerequisites: all handling equipment operational

not to forget: cabling, alignment



Beam Commissioning

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- optics measurements, resonance compensation etc.
- will add to the complexity of beam commissioning: new injection scheme, new machine lattice, 2 GeV...)
- of the order of 2 additional weeks (best guess – large uncertainty)



Summary

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- impact on project schedule appears manageable
- biggest unknown is the beam commissioning
- overall planning of activities during LS2 to be done