

ND280 Upgrade Running Options

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SuperFGD Mechanics meeting

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Possible ND280 Upgrade running options

- If TPC not ready for the beam data taking, we have to consider alternative SFGD running options, either in ND280 or on surface
- Let's focus on running in ND280 w/o TPC:
 - ✦ Same integration issues as standard ND280 upgrade
 - ✦ But to be done twice: install in ND280 - uninstall - install TPC - install SFGD
- Does the Mechanics WG feel comfortable with this option ?
What is the level of risk we could encounter ?
Any particular concern that we should bring to the collaboration ?
- I suggest to focus on the mechanics, e.g. box+brackets+fixation to basket, etc, not what is inside the box (Assembly WG has more experience...) or cables and electronics (Electronics WG has more experience...)
- The SFGD WG (including Mechanics) should provide feedbacks about possible risks to run in this condition

Feedbacks collected by the Mechanics WG

Franck Cadoux

- Not particular concerns about the mechanics
- Main concern is about cabling/decabling too many times, thus more a decision about ND280 Upgrade integration rather than SFGD-related

Adamo

- Hard to evaluate but no particular concerns about the mechanics
- Any time installation/uninstallation is done there is a risk to be taken into account

Larry, Eric

- Hard to evaluate and comment but no particular concerns about the mechanics