

IDS-NF IDR Status: Accelerator

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- Brief description of accelerator complex
- Progress since ISS
- Design for each subsystem
 - Proton driver
 - Target
 - Front end
 - Early acceleration: Linac/RLA
 - Final acceleration: FFAG
 - Decay ring
- R&D plans and tasks to get to IDR
- Appendices for alternatives

Status of Document/Design



- Major achievement: lattices for each subsystem
- Target known to need an updated design
- Need infrastructure for target region
- Front end in good state
- Some inconsistencies in Linac/RLA
- Have FFAG design, beam dynamics work needed
- Decay ring needs injection/extraction
- Decay ring needs more diagnostics work

Plan for RDR

