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## LoKI instrument - Installation update

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LoKI a small angle neutron scattering (SANS) instrument under construction at ESS, addressing the needs of the soft matter, biophysics and materials science communities. It is optimised for small sample gauge volumes and a wide simultaneously measured size range. This instrument is an in-kind contribution from UK, with STFC serving as the host facility, assuming full responsibility for the detailed design, manufacturing, procurement, installation, and integration. An agreement was established in which the integration and physical installation activities would be coordinated and executed by ESS personnel, under the guidance of the technical team at STFC. This presentation outlines the end to end installation process, starting with the shipping of components from the STFC facilities, followed by their reception at the ESS site, and culminating in the full installation and local testing of all subsystems. The presentation will focus on the challenges encountered during installation, including coordination among multiple stakeholders, evolving infrastructure conditions at ESS, and the need to adapt plans in real time due to unforeseen events. Additionally, we will highlight the lessons learned from installing a scientific instrument in a facility undergoing multiple construction projects, while simultaneously defining processes and procedures for future operations.

### Footnotes

### Funding Agency

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