

Summary of lessons learned from the TS1 project implementation

Conceived back in 2012, the TS1 project [1] is a long-running sustainability project that set out to reinvigorate the internals of target station 1, including but not limited to the neutron target, reflector and moderators (TRaM), as well as the supporting services required to keep the TRaM components operating.

In over a decade that the project has been running, a great many things have changed, both internally to ISIS and the wider external situation. As with all long-term, large-scale projects unexpected events can happen and unforeseen outcomes can occur. With other facilities around the world looking to upgrade their infrastructure or add additional capability, it was thought that reflecting on some of the lessons learned from the TS1 project might be of wider use or interest to the community.

In this paper I aim to summarise some of the key lessons and pass on how I might do things differently in the future, if faced with similar choices again.

References:

[1] ISIS TS1 Project summary –S. Gallimore et al 2018 J. Phys.: Conf. Ser. 1021 012053 DOI 10.1088/1742-6596/1021/1/012053

Primary author: GALLIMORE, Stephen (UKRI - STFC)

Presenter: GALLIMORE, Stephen (UKRI - STFC)

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