DMSC STAP 2020 April
Charge

We request advice and feedback on progress at DSMC as specifically advice for the following areas.

- Is the plan to continue consolidation of core frameworks in 2020 the correct way to proceed.
- ESS will track high level milestones for integration progress and software development for individual instruments.
  - Have we identified suitable milestones and workflow?
- Is our definition of the instrument data scientists suitable for the current phase of the project?
  - How should we expect the nature of the role to change over time?
- Is the strategy to develop draft data reduction workflows before hot commissioning acceptable.
- DMSC has requested that all instrument scientists have a reasonable knowledge of python (Training programmes are in place). What methods can we leverage to avoid a build-up of unmaintainable code. What experiences from other facilities can we learn from.
- Planning for the ESS initial operations budget at the lower level of 810M (2013 Euro) has impacted the DMSC in respect of both budget and schedule.
  - Are there any areas of DMSC scope that appear critically under resourced as a result?
  - Can the STAP comment on the suitability of the following areas for in-kind in the initial operations period.
    - In-kind for data reduction.
    - In-kind Instrument data scientists for hot commissioning.