ESS Accelerator Systems Project

Role Description -

**Chief Engineer**

# Responsibility

The Chief Engineer is responsible for design, integration, verification, and validation of the ESS Accelerator.

# Roles

The Chief Engineer:

* Reports to the ESS Accelerator Systems (Acc Sys) Project Manager concerning Accelerator deliverables
* With each Product Manager, defines each Acc Sys Product and coordinates the management activities performed all Product Managers and coordinates the activities performed by all Product Managers.
* With the Support Leader, resolves issues with Accelerator product and service deliverables
* Defines the product breakdown structure (PBS) for the ESS Accelerator. The PBS includes all elements of the Accelerator up to the and including the interface with conventional facilities.
* Defines the external and internal interfaces at the top level of ESS Accelerator i.e. PBS Level 3
* Coordinates the documentation of Accelerator Systems requirements
* Coordinates the design / specification of Accelerator Systems
* Verifies the conformance and performance of the ESS Accelerator
* Validates the ESS Accelerator Systems design by assisting in beam commissioning

# Meetings

* Attends the Acc Sys Project meeting (twice per month)
* Attends Safety Committees meeting (twice per month)
* Chairs the Product Managers meeting (twice per month)
* Forum member for external Acc Sys Work Package reviews (monthly)
* Optional forum member for internal Acc Sys work package reviews (monthly)
* Chairs Acc Sys Product Audits (monthly)
* Presents at Acc Sys Technical Board (monthly)