ESS Accelerator Systems Project

Role Description -

**Product Manager**

# Responsibility

A Product Manager is responsible to manage his/her Product.

* a “Product’ is a geographic section of the ESS Accelerator System. The boundaries of each Product are defined by the Acc Sys Chief Engineer and agreed with each Product Manager. Typically Products are defined by Proton beam functions such as: Front End, 352 MHz acceleration, 704 MHz acceleration, or high energy beam transport.
* Responsibility to manage, means to design, integrate, verify, and validate the Product, internally within the product and externally with other ESS Accelerator Products to deliver the operator ESS Accelerator

# Roles

The Product Manager:

* defines the requirements and product breakdown structure (PBS) for the Product for which he/she is responsible. The PBS for an ESS Accelerator Product includes all elements of the Accelerator up to and including the interface with conventional facilities.
* defines the internal and external interfaces for his/her Product.
* reports to the Chief Engineer concerning all deliverables that combine for his/her Product. These deliverables are defined by the Product Manager and agreed by the supporting Work Packages (WPs) who will deliver these.
* coordinates the design (specification) of his/her Product with supporting WPs.
* reports cost, schedule, EVM for external supporting WPs,
* Coordinates the installation of his/her Product.
* verifies the conformance and performance of his/her Product.
* validates his/her Product by assisting in beam commissioning

# Meetings

* Attends Acc Sys Product Managers meeting (twice per month).
* Runs Acc Sys Product team meetings (called as necessary).
* Attends as required WP team meetings
* Observes Acc Sys WP Audits.
* Presents at Acc Sys Product (design) Audits.
* Attends Acc Sys Technical Board.