**Interface Document**

Beam parameters=

* Particle type
* Beam (Energy or momentum ? )
* Beam intensity (particles per second)
* Normalised transverse emittance.
* Normalised longitudinal emittance.
* RMS bunch length.
* RMS transverse beam size.

General parameters

* Repetition rate = 50Hz
* Bunches per train = 3

**Proton Driver - Target, Capture and Decay**

* After last final focus magnet.
* Beam parameters.
  + Proton
  + KE=5-15GeV
  + 3.125x1015 protons/s

* Drift length from last magnet to target.
* Stay clear region around final focus magnets.

**Target, Capture and Decay - Muon Front-end**

* Beam parameters.

**Muon Front-end - Muon Acceleration**

* Beam parameters.

**Muon Acceleration - Muon Decay Rings**

* Beam parameters at entrance of injection system of decay ring.