The prototype Spoke cryomodule holds two cavities and their RF power couplers and integrates all the interfaces necessary to be operational within the linac machine. It is now being fabricated and its assembly will be performed with dedicated tooling and procedures in and out of the clean room. This prototype will be tested by the end of 2015 at IPNO site and then at full power at FREIA (Uppsala university) test stand. A valve box has thus been designed to take into account the specific features of this prototype cryomodule and of the cryogenic environments of both test sites. This valve box is also considered as a prototype of the cryogenic distribution of the linac Spoke section.

**Goals for 2015**
- Procurement of the Valve box
- Test at low RF power and 2K of the complete cryomodule in Orsay

**Design, delivery, control, and first assembly tests:**
- Static analysis
  \[ \sigma_{\text{max}} = 65 \, \text{MPa} \]
- Linear buckling analysis
  \[ P_{\text{crit}} = 1.2 \, \text{MPa} \]
  \[ \text{Thick. } = 8 \, \text{mm} \]

**Cryomodule Assembly**
- Source: LEBT, RFQ, MEET, DTL, Medium, High, LEBT & Coolant
- Target: 75 keV, 3.6 MeV, 90 MeV, 220 MeV, 570 MeV, 2000 MeV
- Length: 2.86m Ø1.3m 304L
- Weight: 1.2 T

**End dishes and beam valve assembly Stand**
- MLI: He 20 bars, Sat N₂

**Cold/Warm Transition**
- Maximum: 6µT
- Maximum: 5.5µT
- Maximum: 3µT
- Maximum: 1.8µT
- Maximum: 6µT

**Power coupler assembly - Interface with the VV: 3D printing mock-up**

**Validation of the components, interfaces and tooling**