

# Milestones and Schedule

**General**

Updated from Jan 00

- **Production Readiness Review**
  - ◆ Passed in Jan 99
- **Leak Test Station and Electric Test Station**
  - ◆ Fully operational since Fall 98
- **Models and Prototypes**
  - ◆ Model done in 98
  - ◆ Prototype with dismountable flange done in 99
  - ◆ Insertion model done in Dec 99
  - ◆ TIS pressure test vessel done by Feb 00 (Delivered to CERN)
  - ◆ Full prototype done in Jan 00 (constructed, under tests)
- **Welding**
  - ◆ Welding Plan completed in Dec 99
  - ◆ Agreement with TIS finalised in Dec 99 (SSR written)
  - ◆ Qualification of welder done by Feb00 (Done, TIS tests under way)
- **Production of Feedthrough Units**
  - ◆ First feedthrough unit done in May 00
  - ◆ Production of 25 units plus 3 spares by Jun 01
  - ◆ Shipment and testing at CERN: Jan 01 - Jun 01
  - ◆ Installation on cryostat : May 01 - Jul 01
  - ◆ Production of 25 units plus 3 spares by Apr 02
  - ◆ Shipment and testing at CERN: Nov 01 - Apr 02
  - ◆ Installation on cryostat : Mar 02 - May 02

# Milestones and Schedule

## Mechanical Components

Updated from Jan 00

- **Low Inclusion Steel (Timkin)**
  - ◆ P.O. out in Jul 99
  - ◆ Reception started in Oct 99 and resumed in Dec 99
- **Pin Carriers (Glasseal)**
  - ◆ P.O. out in Jun 99
  - ◆ Reception started in Oct 99 (26 received and 24 tested)
- **Cold and Ambient Flanges (EBCO)**
  - ◆ P.O. out in Nov 99
  - ◆ Reception in Mar 00 (some have been machined)
- **Funnel Parts and Bolts Rings (SICOM)**
  - ◆ P.O. out in Nov 99
  - ◆ Reception completed in Mar 00 (some have been machined)
- **Funnel Assemblies (Specefic Mechanics)**
  - ◆ P.O. out in Jan 00 (Done)
  - ◆ Reception to start in Apr 00
- **Seal and Cuff Rings for Bellows (SICOM)**
  - ◆ P.O. out in Nov 99
  - ◆ Reception completed in Feb 00 (March 00)
- **Bellows Assemblies (BOA)**
  - ◆ P.O. out in Jan 00 (Done)
  - ◆ Reception to start in Apr 00
- **Other Components**
  - ◆ RF Gasket, Pipe fittings, Insulation, Pigtail restraint, Heaters
  - ◆ Reception to start in Jan 00

# Milestones and Schedule

Updated from Jan 00

## Electrical Components

### ● Vacuum Cables

- ◆ RFQ reply from STC and FCI-Berg during fall 99
- ◆ STC cables passed qualification
- ◆ FCI-Berg cables qualification finalised Dec99 - Jan 00
- ◆ Final contract to be awarded in Jan 00 (**Done, FCI-Berg**)
- ◆ Reception to start in Apr 00 (**March 00**)

### ● Pigtail Cables (Axon via Orsay)

- ◆ MOU with Orsay signed in Dec 98
- ◆ Reception at Orsay started in Nov 99
- ◆ Reception in Victoria to start in Jan 00 (**nothing received**)

### ● Other Cables (Axon)

- ◆ RFQ reply received
- ◆ P.O. out in Jan 00 (**Done**)

### ● Heaters

- ◆ Design finalised before Apr 00