

Aachen Production Site



Chamber Production Status @ Aachen

❖ Superlayers:

	End 2003	Status 06.06.04
Mechanics	123 SL	154 SL
Completely tested	113 SL	132 SL
Assembled with HVB		132 SL**

**HVB from ISR chambers available for 34 SL in total

→ ISR HVB being used right now

→ Reason for difference in number mech.-tested SL:

1. No HVB for some time.
2. Assembly speed slightly reduced due to ISR work.

❖ Chambers

	End 2003	Status 06.06.04
Package of 3 SL + HC	38	45
Really glued chambers	36	44

❖ Next shipment to CERN: 15.06.04 (8 chambers)

Work at the ISR

Chambers for first installation (10 MB1 + 2 Feet) prepared:

- HVB-I installed & known problems repaired
Time for HVB exchange: 1 day/chamber + tests + potential repairs
→ Final cosmic test at ISR ongoing
- Some repairs:
 - Short in LV connector (dirt) → fixed (1 SL)
 - Low efficiency cells → HVB low wire voltage (1 SL)
 - Occasional replacement of old O-rings (5 SL)
- Modifications of these 12 chambers during HVB exchange:
Mylar foil, last (unused cell) electrically disconnected
- In 2 SL a wire broke during HVB removal → additional dead cell