
Status of TRLB production

A.Singovski
University of Minnesota

ECAL Token Rings: quantities

EB: 8 rings/SM, 37SM => Rings 296

·DOH 592

·TRLB 296

·TRx 296

EE: 18 rings/D, 4D => Rings 72

·DOH 144

·TRLB 72

·TRx 72

ES: 52 rings 52

·DOH 104

·TRx 52

Ordered

Total Rings 420

·DOH 840

·TRLB 368

·TRx 420

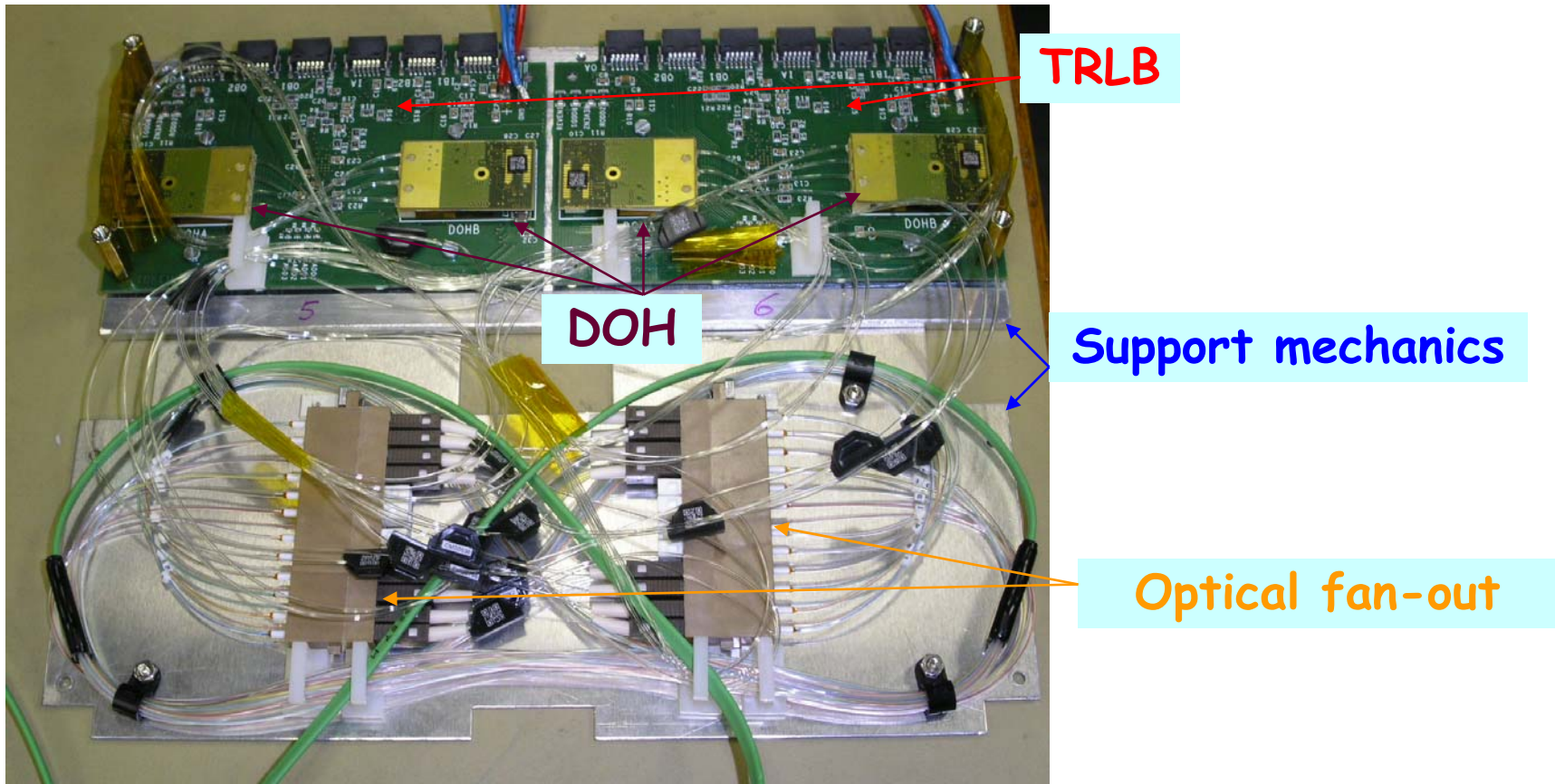
450

900

420

475

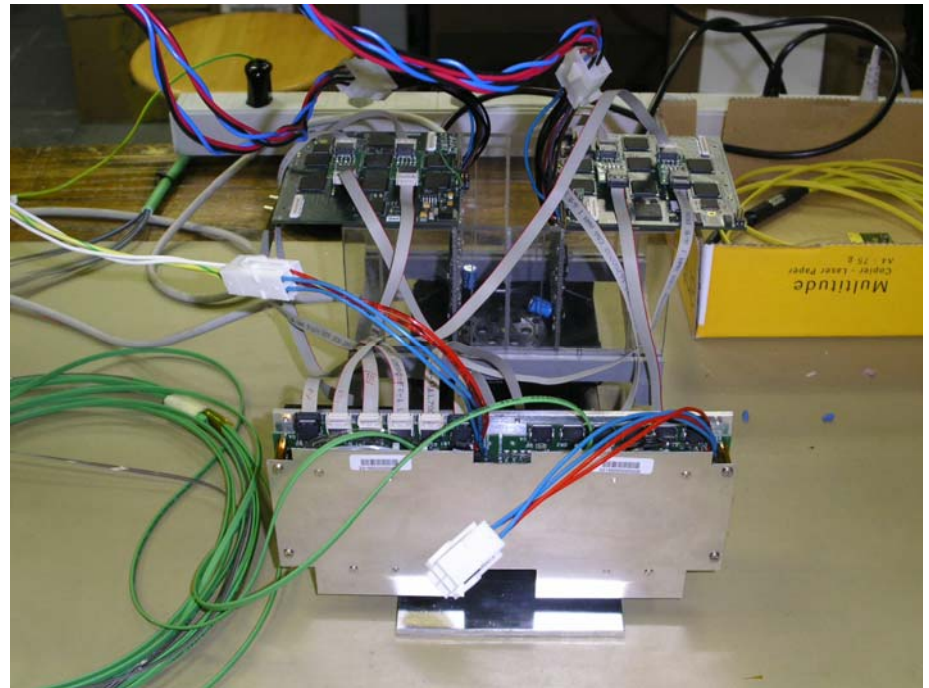
TRLB production & assembly



- DOH: industrial production, lasers and PiN diodes from CERN
- TRLB: industrial production, some components from CERN
- Mechanics: industrial production
- Optical fan-outs: similar to the Data Link item
- Assembly: in the CERN optical links lab. Assembly + testing ~ 0.5 hour/TRLB

TRLB burning-in & testing

- Testing: setup at CERN



- Burn-in : oven in the Optical Links lab;
4-6 days at 40°C

Production & assembly status


Design

- DOH: frozen
- TRLB: 14 units produced so far. No optical problem detected.
- SM10: 2 rings are not operational, small TRLB and SM cabling change to allow half-ring operation

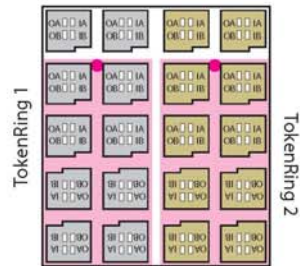
Production

- DOH: Mass production at Kapsch, "almost final" schedule, all ECAL DOHs will be delivered before May 2005
- TRLB: TEMIS or EFASEC, order is processed by the CERN purchasing. Offers receiver, ready to issue the DAI. Delay with the CERN-supplied components.
- Mechanics: XX, somewhere in Meyrin, fast, cheap, minor item
- Assembly: CERN, 3 man-month reserved

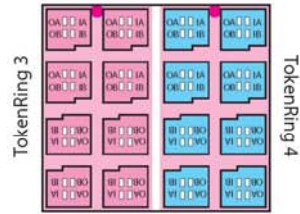
EB Token Ring: old map

 = std. 8 tower with direction

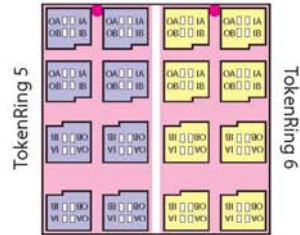
Module 1



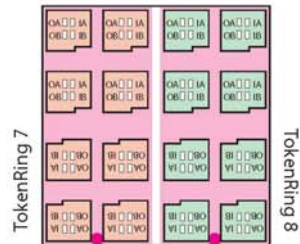
Module 2



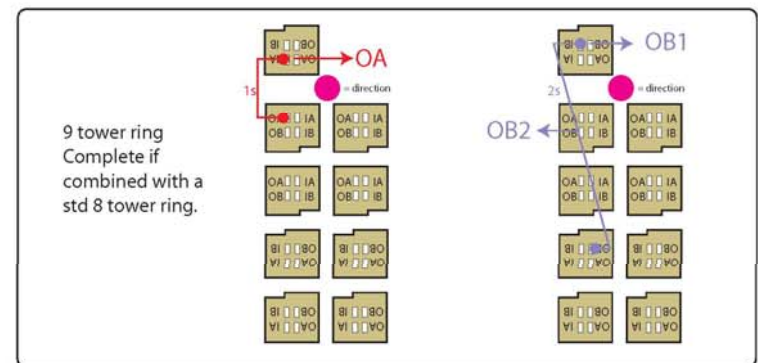
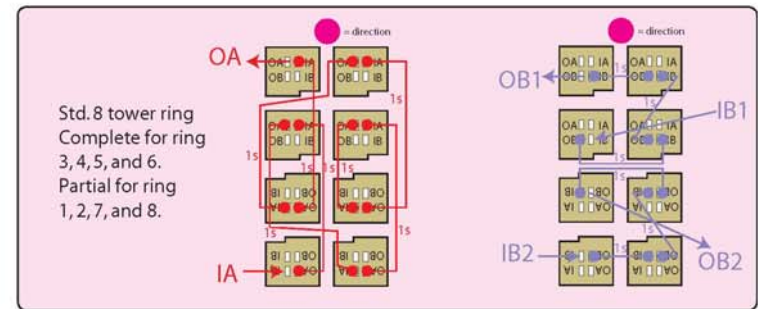
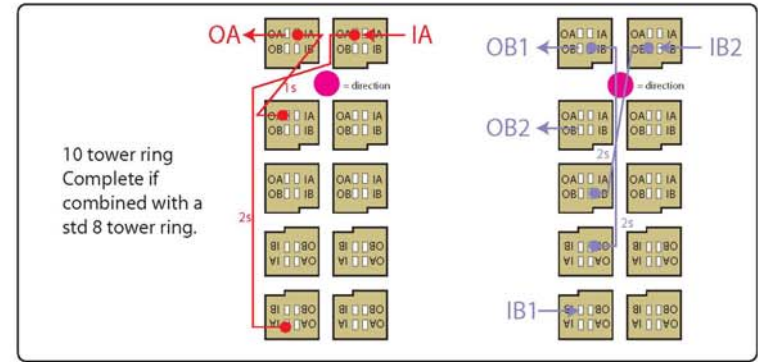
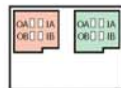
Module 3



Module 4



MEM



EB Token Ring: new map

