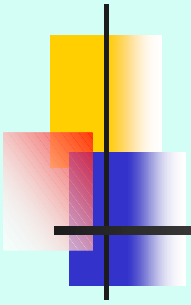
Chris Oram

Sept LARG 2000

Situation as of August 31st

TRIUMF Production Situation



PAD/EST Boards

- Material (Kapton bond-ply) supply problems have stopped production.
- Including wastage (and ignoring “old” EST production):
  - CLK blanks 62.5%
  - PAD boards 36.7%
  - EST boards 76.4%
- Material on-hand or ordered:
  - HV tabs (Lebedev) 69%
  - Glue 92%
  - Kapton Bondply 93%
  - CLK 97%

Honeycomb

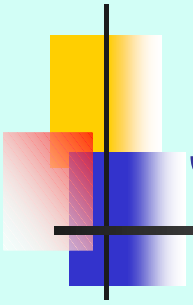
- All material on-hand including ~7% wastage
- 54% materials cut into pies

Copper (Jim will give the details)

- 100% machined copper on site (from Alberta) 33 modules.
- Rolled copper :
  - 25mm copper
    - 100% on-hand and machined in Alberta
  - 50mm copper
    - 34% on-hand
    - 14.5% in shipment (23rd August left Shanghai)
    - 18.6% ordered
    - 32.7% to be ordered

SS Components etc.

- Front module on-hand
  - Shipping frames 100%
  - Tie-rods 100%
  - Connecting Bars 100%
  - Sliders and Key…. Ordered 15/11
  - Bolts for Connecting Bars …. At MPI (thanks MPI group)
- Rear module on-hand
  - Shipping frames 0%
  - Tie-rods 3%
  - Connecting Bars Ordered 15/11
  - Sliders and Key…. Ordered 15/11
  - Bolts for Connecting Bars …. At MPI (thanks MPI group)



Shipping Container

- Ready except modules are not installed yet….
- To leave Seattle 20th September with 8 front modules

Stacked Front Modules

- 2 “Old EST” modules at CERN… Dubna kindly re-stacking
- 2 in 2nd test beam … both with tripping problem in layers 1-8. Suspect cracked signal tab
- 8 in Container arriving 12th November Geneva for Dec 1st and Feb 1st cold test start
- 1 at TRIUMF 2/3rds stacked
- So 40% of 33 or 35% of 31
- We have 5 more End-C modules to stack.

Rear Modules

- We have two schedules :
  2 modules/month
  3 modules/month
- In 2 modules/month we switch to rear around the New Year
- In 3 modules/month we switch to rear around 1st May 2001… having finished all front modules.
- Financially we need to do 3 modules/month because we do not have the cash flow for the SS parts before April 1st . Presently we are 1 module ahead of the 3 modules/month schedule