Chris Oram

Dec LARG 2000

Situation as of November 23rd

TRIUMF Production Situation

PAD/EST Boards

- Material … all OK
- Production:

	Now	Sept 8th
CLK blanks	85%	80%
PAD boards	45%	38%
EST boards	89%	76% of 1000

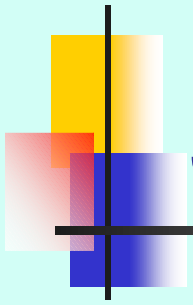
- Material on-hand or ordered:
  - HV tabs (Lebedev) 69%
  - Glue 92%
  - Kapton Bondply 93%
  - CLK 97%

Honeycomb

- All material on-hand including ~7% wastage
- 54% materials cut into pies
- We will need to re-start production in the coming weeks.

Copper
(Jim will give the details)

- 25mm copper…. Finished
- 50mm copper…. In progress
  - Rolled:
    - 48% on-hand
    - 52% ordered
    - Final delivery 20th may 2001
  - Machined (as of Nov 20th):
    - Finished 40 7%
    - Faced (but not finished) 50 9%



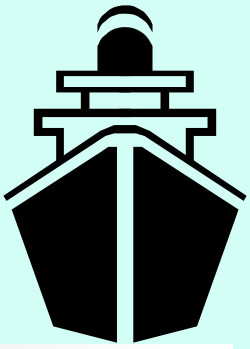
SS Components etc.

- Front module on-hand
  - Shipping frames 100%
  - Tie-rods 100%
  - Connecting bars 100%
  - Sliders and key…. Ordered 15/11
  - Bolts for connecting bars …. at TRIUMF (thanks MPI group)

SS Components etc.

- Rear module on-hand
  - Shipping frames ordered(?)
  - Tie-rods 3%
  - Connecting bars ordered 15/11
  - Sliders and key…. Ordered 15/11
  - Bolts for connecting bars …. at TRIUMF (thanks MPI group)

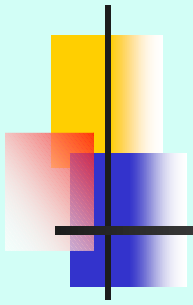
Shipping Container on it's 76 day round trip schedule



- On it's SLOW way back to Vancouver… ETA Dec 25th.
- Should be filled with 8 modules and on return trip by late December
- ETA CERN ABOUT Feb 15th in time to feed the 3rd and potentially the 4th cold test.

Stacked Front Modules

- 2 “old EST” modules at CERN… Dubna kindly re-stacked.
- 2 were in 2nd test beam …need to resolve QC designation as trips during beam are now suspected to be not module related.
- 8 at CERN arrived in a container 16th November Geneva.
  - Problem of modules having slipped due to container problem….
  - 4 presently in Dec 1st cold test.
  - 4 going into 1st 2001 cold test.
- 8 at TRIUMF ready for DELAYED “Dec 15th” shipment.
- So 57% of 33.



Rear Modules

- Last time we announced we had two schedules :
  2 modules/month
  3 modules/month.
- We have now decided to match the 76 day container schedule… a similar schedule to the 3 modules/month… TRIUMF management has agreed to fund the manpower for this aggressive (maximum speed) schedule.
- We switch to rear around 1st April 2001… having finished all (but one) front modules.
- The remaining front module will be shipped later in a wooden crate.
- First 3 rear modules at CERN about 1st July 2001.

Rough projection of production rate Sept-Dec 2000

- Production:
  - CLK blanks
    - 1 year
  - Honeycomb
    - No projection possible
  - PAD boards + EST boards
    - 1.5 years
  - Stacking
    - 1.5 years