Status of the Preproduction Prototype

Expected completion

I. Wire Planes and Cathode Foils

- Anode lamel Production complete **(√)**
- Gluing of lamels and cital rings to glass plates will begin this week **(June 4)**
- Winding should begin end of next week **(June 21)**
- Expect cathode lamel delivery this week **(May 28)**
- Gluing of cathode lamels in approx. 2 weeks **(June 15)**
- Testing of stretched cathode foils in progress **(June 21)**

II. Preamplifier Electronics

- Preamplifier carrier board design complete and manufactured **(√)**
- Most electronic components have been ordered or received **(√)**
- Mounting of VTX preamps started this week **(June 22)**
- 75 16-channel VTX preamps (1200 channels) have arrived from Fermilab **(√)**
- 44 24-channel VTX preamps (1056 channels) exist at TRIUMF **(√)**

III. Post Amplifier / Discriminator

- Preliminary design of 16 channel CAMAC board has been done **(√)**
- Circuit design finalized today, ECL circuit board will be produced **(June 19)**
- All electronic components for Postamp/Discr. have been ordered **(June 15)**
- Production of low cost CAMAC module hardware **(June 28)**
- Stuffing of circuit boards and CAMAC module assembly **(July 2)**

IV. Cabling

- Kflex ribbon cable design complete **(June 21)**
- Associated connector board design complete **(June 18)**
- Coaxial cable connector board design in progress **(June 21)**
- Enough microcoax and ECL ribbon cable exist for PPP testing **(√)**
- Attach connector boards to existing coax cables **(June 28)**

V. Gas Box Manufacture

- Manufacture of G10 ring pieces is complete **(√)**
- Copper clad 1/4" G10 for the module frames is due early next week **(May 31)**
- Manufacture of frames will begin as soon as material arrives **(June 14)**
- Design of service boards complete and sent for manufacture last week **(June 4)**

VI. XY Pair Production

- Assembly of XY pair **(July 11)**
- Bench testing of XY pair **(July 30)**

VTX Preamp Situation

24 Channel Cards

We have:	44 x 24 =		1056
From CDF detector: (75% recovery)	80 x 24 =	1920 x .75 =	1440

Total:			**2496 channels**

16 Channel Cards

We have:	75 x 16 =		1200
From CDF detector: (90% recovery)	144 x 16 =	2304 x .90 =	2073

Total:			**3273 channels**