DESY Check List on Aug.11, 2003

Y.Fujii (KEK)

1) Inspection on What to Borrow from Dr.Korbel

    a) Electronics (detailed e-mail on Aug.7 from S.Reiche)

        - Whether we can borrow CAMAC modules as follows, and their specifications.

Interrupt register	none
Coincidence register	LRS2341S x 1
Scaler	unknown yet
ADC 2249A	many

        and Number of empty slots for CAMAC crates

        - Whether we can borrow NIM modules as follows, and their specifications.

analog dividers	analog splitters x some
discriminators	LRS 623 x 1(octal, -30mV-min., individual threshold),
	LRS 620L x 5 (octal, -30mV-min., common threshold)
4-fold coincidence	LRS 365AL x 1 (dual, 4-input-majority, 1-veto, 4-output)
2-input 1-veto logic unit	LRS 622 x 1 (quad, 2-input, 5-output, 1-common-veto)
gate generators (with latch)	LRS 222 x 2 (dual, with Latch, 1-output), and many others
logic FI/FO	LRS 429 x 1 (quad 4in/4out or dual 8in/8out or 16in/16out)
clock	none
visual scalers	unknown yet
analog variable delays	2

        and Number of empty slots for NIM crates

    b) HV supplies

      module name and type, volage capacity, current capacity, and connector type for

        -2.0kV x 1 for MIP-Tagger (mandatory)

        +3.0kV x 2, -3.0kV x 2 for Tsukuba Drift Chambers (spare)

        -1.5kV x 4 for T1, T2 (spare)

        -1.0kV x 4 for KSMX (spare)

    c) LV suppies (mandatory)

        +6.5V and -6.5V (0.5A) for preamp of Tsukuba Drift Chamber

        +12V and -12V (2A) for preamp of SSMX APD preamp

    b) Cables (mandatory)

        - BNC 30m x 150

        - BNC 17m x 4

    c) Misc. (mandatory)

        gas Ar/ethane (50/50)

        synchroscope

        multimeter

        short lemo/connectors for circuit construction

        level/theodolite/tripods

        tool kits

2) Inspection on What to Borrow from ZEUS-Japan

    a) Step-down (240V->100V) voltage transformers, and their receptacle type (mandatory)

    b) LV suppies (spare) ; votage and current capacities

    c) Misc. (mandatory)

        - synchroscope

        - multimeter

        - tool kits

3) Inspection on DAQ PC and How to use DAQ-program

    a) PC

        type

        OS

        Equipments, especially backup media

        Interface with DAQ crate and device driver

    b) DAQ program

        Name

        Contact Person

        Manual, if any

        Learn how to change configuration

        Learn how to use it

    c) DAQ configuration

        Configuration (NIM/CAMAC/VME)

        Interface with PC

        Their LOGIC configuration

        Used CAMAC modules and their type, specifications

        Used NIM modules and their type, specifications

    d) Availability of IP-addresses

        5 addresses for notes of five persons

3) Inspection of Experimental Area

      - Distance from T1, T2 to the counting room ; whether 10m-BNC can reach or not

      - Size, Capacity, and moving span of the stage

      - Supposed location of our detectors

4) Transportation of Packages   (brief mail from Michael Roeseler on Aug.6)

      - Contact Person at Bureau   Michael Roeseler (V4)

      - How to receive at DESY on Sep.8

      - How to send out from DESY on Oct.1

      - The way to charge to Nittsu for sending out

      - Company name for sending back   STRECK Transporte

      - Tax-exemption procedures

          2003-Aug-08. 0:32 PM

5) Hostel

- Whether it is reserved, confirmed or not
- Where it is and how to go there
- Size/Area/Facility
- How good (or bad) it is
- Price, and how to pay

6) Discussion on Configuration/Schedule

- Availability of Korbel's HCAL data, put behind our SHmax
- Availability of Korbel's finger counter
- Whether we and they co-work or not
- Our plan for setup/data taking/withdrawal

7) Check Radiation Work Procedures

- Necessary Procedure
- Necessary documents to submit to DESY
- Film Budges / Dosi-meters