

Memo for exp_samurai_2016fall

- works done on 6-Oct ~ 7-Oct @RIKEN

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- FDC2 position on the rail
 - 720 mm north from 60° line
 - laser marker on 60° line : adjust at 10 m & 7 m. OK at 5 m
 - gas, signal/control, HV, network, AC lines : connected
 - new hub?
 - Detector gas
 - He/CH₄ bottles
 - 1 old (8.5 Mpa), 4 new (11.4 Mpa)
 - He+60% CH₄ + isopropanol
 - MFC setting : 65 + 195 (CF=1)
 - Flow rate
 - Q~ 220 cc/min from 0:00 7-Oct-2016
 - rough exchange rate
 - ~ 6 exchange (0.25% left) @~1 week before the run
 - about 2 bottles will be used
 - ~ 7 exchange (0.1% left) on 14-Nov-2016 (~38 days from now)
 - flow rate will be reduced by ~50% after 7 exchange

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- Booster connection
 - modified from the previous run
 - H4 ~ H11
 - booster connection
 - standard id H01 ~ H08
 - in order to minimize the change, connection is irregular
 - Hod: H04 H05 H06 H07 H08 H09 H10 H11
 - Booster: B4 B5 B6 B7 B8 B1 B2 B3
 - Patch panel position is slightly changed due to thr interference with HODF24
 - HODF24
 - current position : very rough & temporary

- SBT
 - 0.5mmt scintillators with frame
 - due date~ 2weeks from now
 - be careful about the reverse pressure on the exit window of SBT, during the vacuum work
- BDC spare
 - BDC5 : riken → Tohoku
 - 2+8 new FR4 PCB's
 - wiring : next week
- PDC
 - one of the PDC's seems to have broken wire
 - need to be fixed