Zeroth attempt at summarising the requirements and requests of each subdetector and a schedule to meet them by Nick Hastings

* ND280 commissioning in 2012/01 for T2K Run 3 (Version 0)

** SubDetector Calibration runs/data

  Summary from presentations at <2011-11-17 Thu> ND280 Run coordination meeting

*** INGRID
- To be determined

*** POD
- Local   - Voltage scan set trim of MPPC voltages
- Global  - 3 days cosmic including TPC1

*** ECAL
- Local
  1. HV Scans
  2. Overnight Cl runs
- Global
  - $10^6$ TripT cosmics (magnet status unknown)
    At 10 Hz => $10^6/10$ Hz = $10^5$ sec = $10^5/60^2 = 27.8$ hrs

*** SMRD
- Local   - Pedestal run
- Global
  1) 24h SMRD only cosmics un unbiased trigger mode
  2) Low prior: extra ped runs, 6-12 hr runs with other SMRD trigger configs
    (Top-Botton, Side-Side, ..)

11/21/2011
*** FGD [[http://www.t2k.org/nd280/runco/meet/2011/november/run3preparation/fgd]]
- Local
  1) Voltage scan (1/2 day) - w/ magnet on
  2) Cosmic trigger threshold scan (1/2 day) - w/ magnet on
- Global
  1) At least 2 days of FGD cosmics with TPC included
  2) Low prior: 1-2 days with "vertical" and/or stopping cosmics
  3) Low prior: Consider non-nominal B field?
*** TPC [[http://www.t2k.org/nd280/runco/meet/2011/november/run3preparation/tpc]]
- Local or Global
  - Laser calibration runs
    - B=0, B=nominal, B=non-nominal(times "few")
    - About 2 hours per run
  - Global
    1) Take few thousand cosmics at some of the B values used for laser (in separate run)
    2) 1 day FGD cosmic runs at each of B=0, B!=0
** Proposed subdetector work in local mode
- All: <2012-01-10 Tue> bring up systems
- P0D: <2012-01-11 Wed>---<2012-01-16 Mon> P0D-L (voltage scan and trim setting)
- SMRD: <2012-01-11 Wed> SMRD-L pedestal run
- FGD: - <2012-01-11 Wed>---<2012-01-16 Mon> exercise system, prelim scans and tunes
  - <2012-01-18 Wed> FGD-L1 (V scan), FGD-L2 (trigger tune)
- TPC: <2012-01-10 Tue>---<2012-01-16 Mon>, exercise system, laser runs B=0
** Proposed runs in global

- <2012-01-12 Thu>: SMRD-G1
- <2012-01-13 Fri>: SMRD-G2 (optional)

- <2012-01-17 Tue>: Magnet current scan, w/ TPC and FGD in global
  1 day, Satisfies: TPC-L (laser runs) and TPC-G1

- All detectors included
  - Nominal trigger sequence: Satisfies: P0D-G, ECAL-G, FGD-G1, TPC-G2
    (Including 10 Hz TripT cosmic and 10Hz FGD cosmic)
  - <2012-01-18 Wed>  B=0
  - <2012-01-19 Thu>--<2012-01-23 Mon> B=nominal

- About two days of the <2012-01-19 Thu>--<2012-01-23 Mon> period can be used
  for some low priority optional runs
  - 1 day with different FGD cosmic trigger setup FGD-G2
  - 1 day with non-nominal B field FGD-G3
  - 1 day with TripT trigger setup from SMRD-G2 (possibly already done on <2012-01-13 Fri>)

- <2012-01-24 Tue>
  - Continue with nominal setup in anticipation of beam.
## Preliminary Draft of Start Up in January

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<th>Tue 10</th>
<th>Wed 11</th>
<th>Thurs 12</th>
<th>Fri 13</th>
<th>Sat 14</th>
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11/21/2011
POD EXPERT SHIFTS

January People; KevinC, Erez, Walter, Dima, ChangKee, DanR

February People; ??

March People; ??

We should distribute the POD Expert shifts (try weekly monitoring And reporting on Wed DAQ meeting) among POD people who will be on site during the run.