

- **Attendance:**
  - Roger Dixon, Ron Moore, Me, Salah Chaurize, Viai, Ioanis K., Eric P., Keith G., P. Derwent
- **Machine Strategy:**
  - **Operations**
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  - **Linac**
    - Source
      - H- failed after glitch
      - I- rushed into service, was not able to hold current.
      - H- rushed back into service. Not properly cleaned?
      - I- being prepared again.
      - Best performance is when we have 35mA out of Linac.
      - Source lasts about 3 months.
      - Don't keep a hot source.
        - ◆ Usually some running
        - ◆ Source running dies, even if not using it.
  - **Booster**
    - New bunch rotation appears to be working. It is much less sensitive to the RF.
    - Fallen behind in proton delivery - is due to source.
    - RF Station 19 - on and running. Doesn't do us a lot of good when all stations up. Used as spare for A or B stations.
  - **Pbar**
    - Wings are back in transfers? Since we've come back the Accumulator has had large emittances.
    - Working on stacktail
    - Pickups (cryo) were cycled. It is worse than expected. Put the orbit back, but still have large emittances.
    - Get beam through the stacktail - equalizer?
    - Overthrunder working
    - m: hv100 is drifting around.
    - Worked on ap2 orbit. Not in overthrunder yet.
    - Measurements made on debuncher transverse cooling systems.
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  - **Main Injector**
    - Bunch Rotation
      - Structure in the beam -
      - Beam distribution has island hot spots. If the hot spots are near the edge of the beam and we lose the edge of the beam, then we lose beam. What is the source?
    - MI vacuum burst in RF cavities - not understood.
    - MI Collimators - decisions should be MI department. 2 stage collimation system. Issues with radiation from primary. There is a plan.
      - Main issues were vacuum.
      - Are there issues with Ecool electronics and the radiation from the primary.
      - If it sets off the loss monitors, will trip off the Pelletron.
      - Need to set a deadline.
      - Have a timeline for installation - 14 to 15 hours. If two crews, could do both of them. Need surveying on both.
      - Install by December
    - Good NuMI running period.
    - Default NuMI is 2+5 batches
  - **Recycler**
    - Transfer efficiencies down yet.
    - During DT, did do Pelletron access. There was a lot of carbon fiber and dust.
    - Changed the tension in the Peltron -
    - Did not address Ar instability - vacuum burst.
    - Starts in the transfer line. - this time started in RR.

- Made measurements between transfer line and and RR.
  - RF adaptive feed forward correction.
  - CE bulk supplies. Early.
  - 50 sector failed. The one to burn in new chassis.
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  - Working point change - cant get there with the power supplies and phase trombone where they are at.
- **Tevatron**
  - Get back up.
  - Pbar losses early in the ramp are a problem.
  - Keep pushing protons
  - Spares? Dipoles have a couple dozen.
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- **SY120**
  - Work is progressing well
  - 750K
  - 5' quads in F-manholes?
  - Change polarities in quads in TH?
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- **NuMI**
  - Spare situation is improving.
  - Start long leadtime items
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- **MiniBooNE**
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- MTA
  - need to do shielding assessment.
- I/Systems/SDA meeting - once a month - per week