

# RHIC Operation Status

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# Operation Updates

RHIC operation is running smoothly and continuously. Integrated luminosity per store is about tripled with transverse cooling and continuously increased RHIC bunch intensity.

## Progresses:

Last Thursday Vertical cooling on in both rings

Monday Horizontal cooling on in both rings

And continuous improvement in RHIC bunch intensity

## Bumpers:

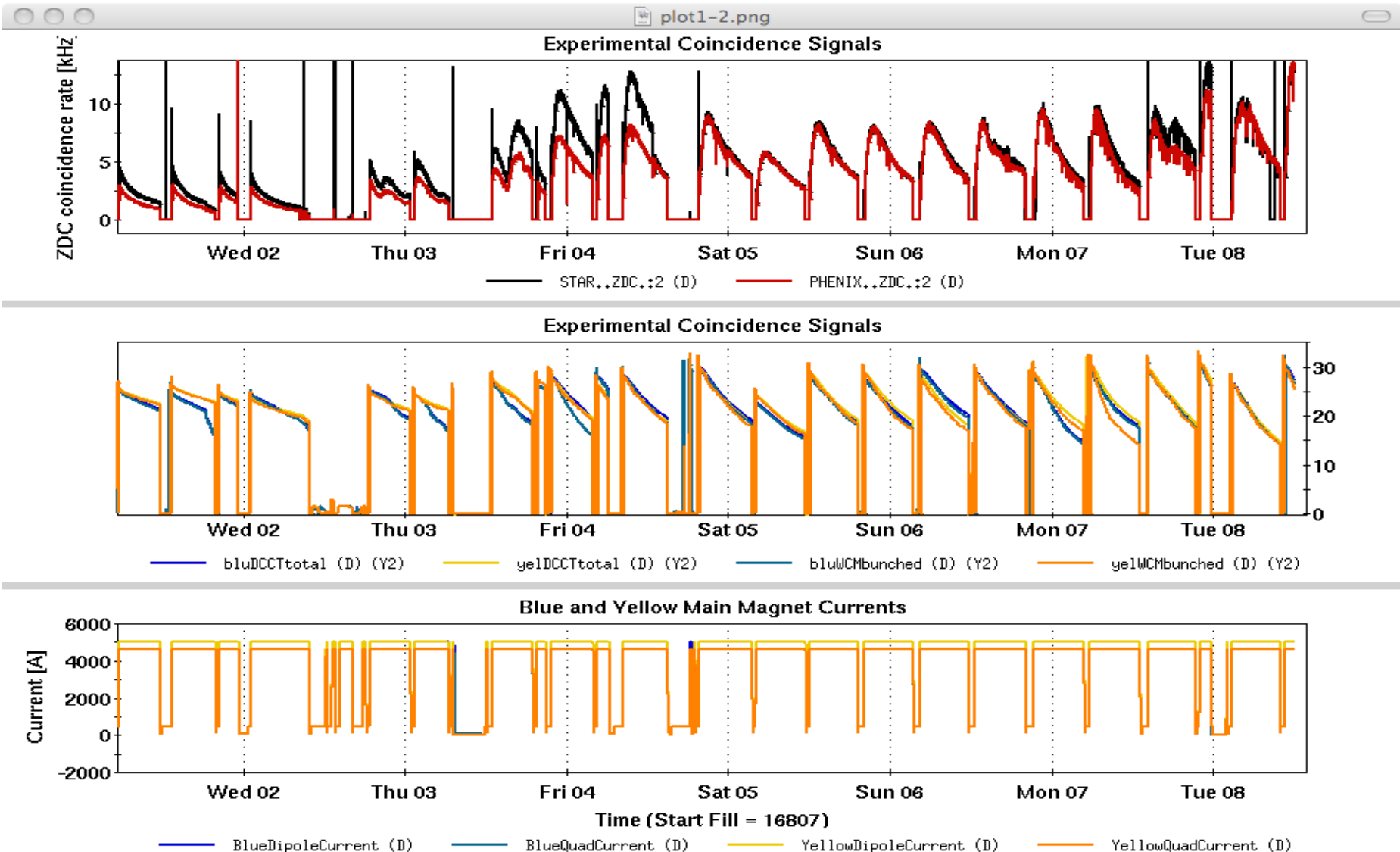
Last Tuesday Lead flow faults caused PS tripping-off, 2 hours

Last Thursday QLI due to PS in the morning, 5 hours

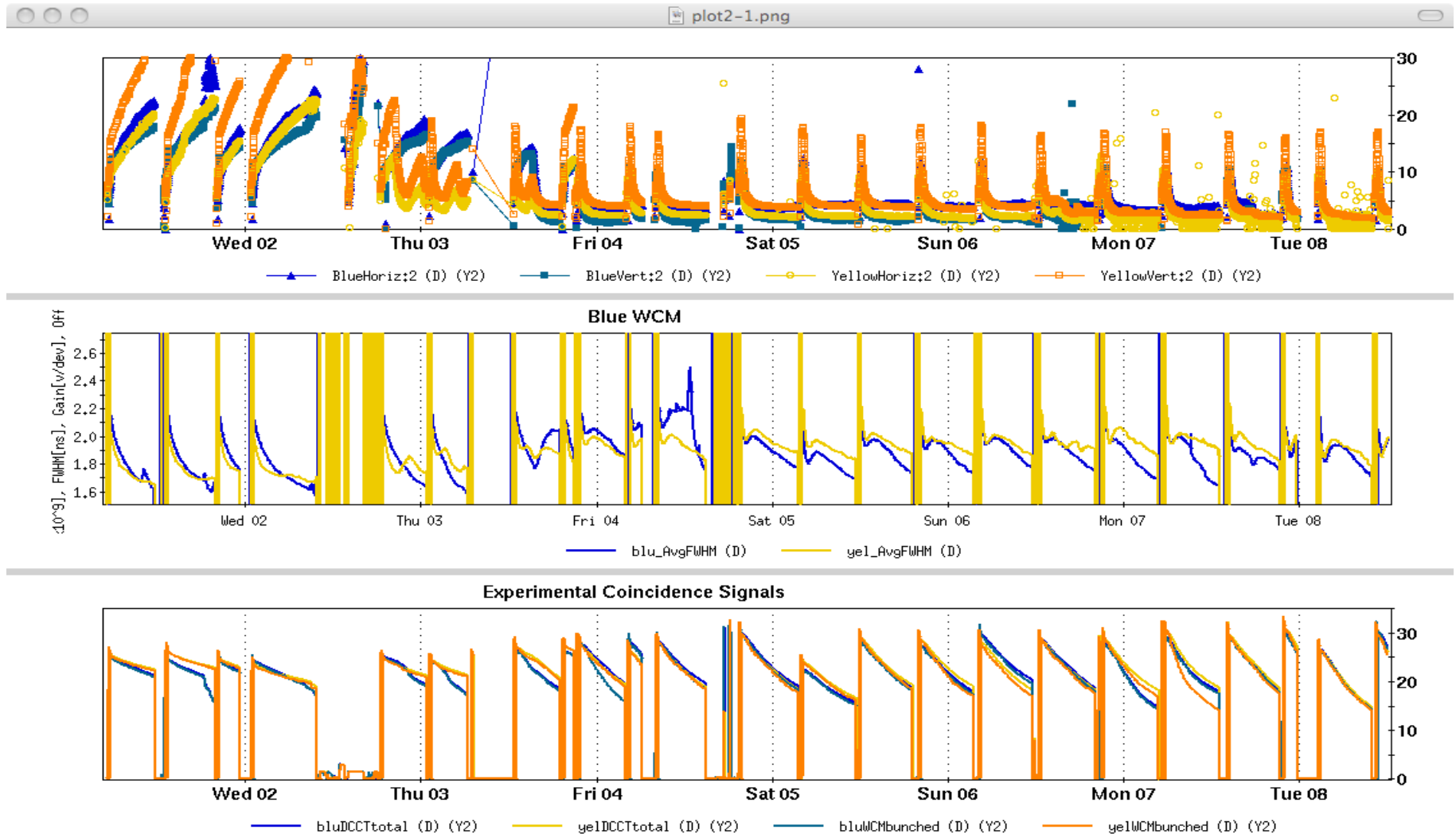
Last Friday LLRF problem, 3 hours

Tuesday QLI due to quench detector FEC faults, 3 hours

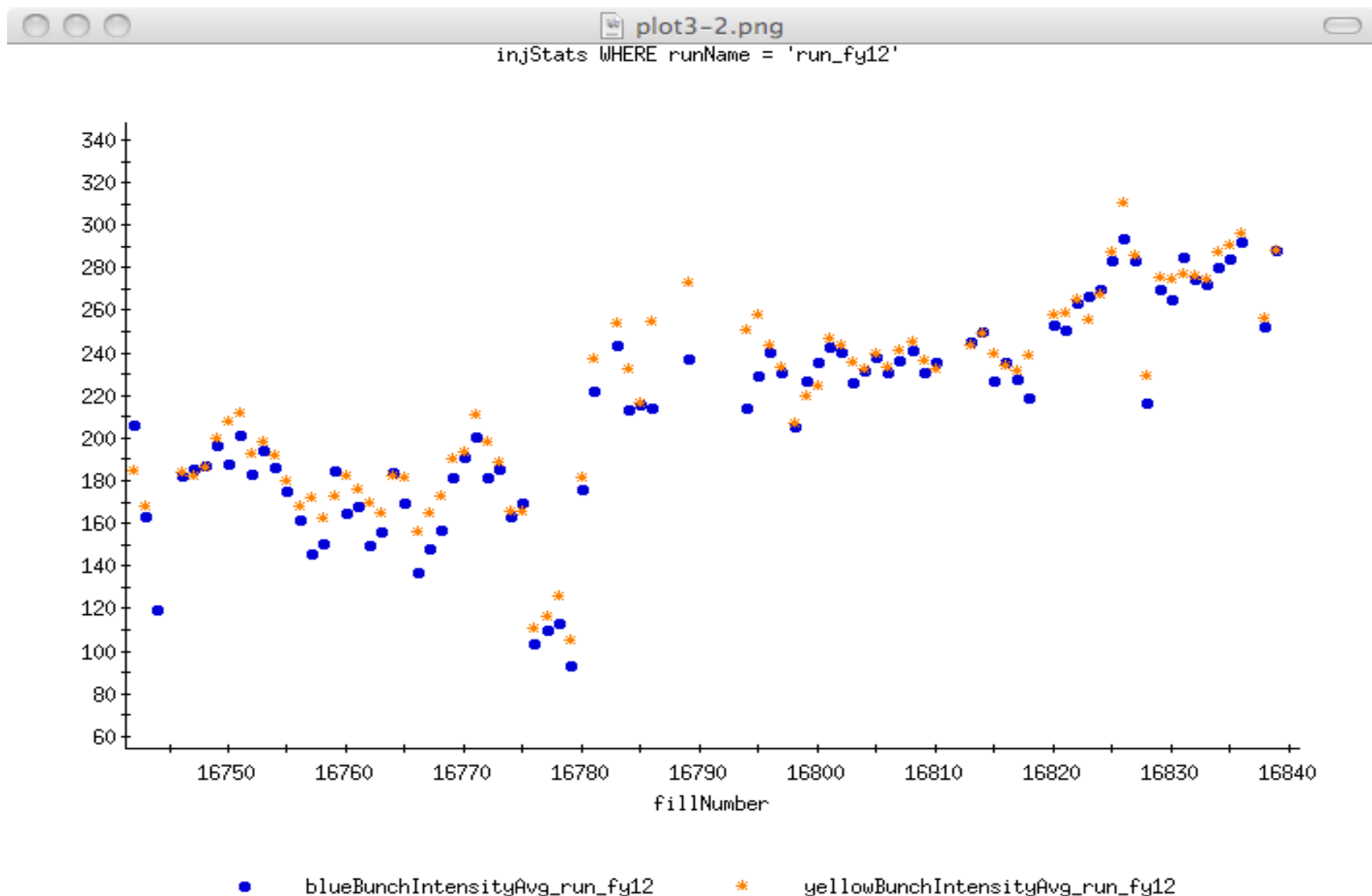
# Beam Intensities & Experiment Rates



# Transverse Emittance & Bunch Length



# RHIC Injection Bunch Intensities



# Plan of this week

- Continue steady Physics run until switching
- Switch from U-U to Cu-Au next week
- Maintenance on Wednesday
- Bunch merging in AGS
- Reducing satellite bunches in RHIC