Main results from last week
Activities for next weeks
Summary of last week:

- RF setting up
  - Firmware bug identified and solved on Thursday
    - Had caused troubles with different harmonics for different RF segments
  - Big step forward?

- Help with RF setting up from specialists from RF group
  - Cleaner capture with phase (and radial) loop gain ramped over a few ms

Recapture at 100 keV with h=4

Attempt to rebunch with h=2
(from week 21)
Summary of last week:

- Issues with ion source
  - Beam again found moving
  - High setting of correctors to steer
  - Situation still much better than in past with improved diagnostics and understanding
  - HV trip(s)

- Transfer line studies
- General cycle adjustments
- Attempt to agree on machine cycle to be used for antiproton operation
  - Many variants now with different features
- Tomoscope acquisition of beam from source
Program for coming weeks:

☐ This week (week 23):
  - Opening of vacuum sector LNI/LNE to exchange to profile monitors and take one out to upgrade mechanics
  - Vacuum acceptance test of monitor mounted last week
  - Aim for end of week: have all four monitors of sector exchanged or upgraded
  - No tests with converters locked out for cable pulling campaign for PUMA

☐ Two weeks after (weeks 24 and 25)
  - Bake-out of vacuum sector LNI/LNE
  - Tests with electron beam only
    - Aim: find an improved setting allowing to measure electron beam position at intermediate plateau (hypothesis: electron losses on electrodes)
  - Exchange of B-train low field probe
  - Source investigations

☐ From week 26 starting on 28th June tests with circulating beam possible again
  - Note: this is the second of two weeks foreseen for new AD target commissioning