

## AD Main Injector Department

|  | 2021-3  |    |    |    | 2021-4 |    |    |    | 2021-5 |    |    |    | 2021-6 |    |    |    | 2021-7 |    |    |    | 2021-8 |    |    |    |    |    |  |  |  |  |
|--|---|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|----|----|--|--|--|--|
|  | 9   | 10 | 11 | 12 | 13     | 14 | 15 | 16 | 17     | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25     | 26 | 27 | 28 | 29     | 30 | 31 | 32 | 33 | 34 |  |  |  |  |
| <b>AD Main Injector Department</b>                               |   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| <b>Main Injector and Recycler Lattice Data Application (...)</b> |   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Increase data column count                                       | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Trying to plot drfit sapce betas breaks (...)                    | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| <b>Main Injector Beam Line Smoothing Application (...)</b>       |   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Add RR 8 GeV line to program                                     | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| <b>Main Injector Orbit Smoothing Application (...)</b>           |   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| H100 position comparison wildly wrong (...)                      | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Order newest files first   | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| <b>Main Injector RF Control Application (PA1677, (...)</b>       |   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| RF parameters table  | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Inconsistent behavior when setting anode (...)                   | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| <b>Recycler Injecton Closure Application (PA4187, (...)</b>      | Recycler Injecton Closure Application (PA4187, R52) |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Booster > MI line trim calibration file (...)                    | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Ability to close to a closure offset                             | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Ability to close on each injection                               | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| <b>Recycler Tune Control Application (PA4208, (...)</b>          | Recycler Tune Control Application (PA4208, R2)      |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Beam-Compensation current limit                                  | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Tune setting should fail when any corrector (...)                | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| New phase trombone   | New   |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |
| Setting dqH and dqV to zero shoud put (...)                      | Accepted  |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |    |    |  |  |  |  |