Digital Status Panels

Author: Nancy Spencer
Panel Changes: None
Subsystem: Accelerator
Documents: No
User Impact: Small
Help File: None

April 12, 1989

The digital status panels no longer make a request to micros to check devices when they first come up. Data continues to be automatically updated to the database by the micro whenever a digital status device changes. The explicit request had been used to try to determine whether the digital status job in the micro was functional. Unfortunately, some micros took so long to respond that this check erroneously reported "Micro DEAD". That message should no longer appear and panels should come up more quickly.

New Model Design Lattice for Positron System

Author: Mark Woodley
Panel Changes: None
Subsystem: Positron
Documents: No
User Impact: Small
Help File: None

April 11, 1989

The Design Model for the Positron System (from the target to reinjection in LI01) has been changed. The new Design Lattice is the 220 MeV lattice which has been in use for some time. When you select "DESIGN" as the SOURCE FOR MODEL on the Model OPTICS panel, you will now get the 220 MeV lattice. In addition, the Design Twiss parameter values in the Database for all MARKer points in this region have been changed accordingly. Finally, new Model KMOD Configuration files have been saved which contain the quadrupole and sextupole strengths for this lattice. The words "(220 MeV)" have been appended to the title of each Configuration to avoid confusion.

"Z" Coordinates for Positron System Changed

Author: Mark Woodley
Panel Changes: None
Subsystem: Positron
Documents: No
User Impact: Small
Help File: None

April 11, 1989

The Database "Z" coordinates of devices in the Positron System from the target to reinjection in LI01 have been changed. The position of the target (which is also the nominal starting point for EP02) has been mapped from 0.0 meters to -2021.07649 meters, and the locations of all devices in the return line have been mapped so as to retain their original distances from this point. This change has been made to remove the discontinuity in "Z" coordinates at the positron reinjection point in LI01 which, in turn, allows Display Group based plots of this region to be made correctly.