SPS ECRs under approval

- **SPS-BSTL-EC-0001 v0.1**
  "Refurbishment of the SPS TT20 spill monitor during the YETS 2021-2022"
  by Stefano MAZZONI, Stephane BURGER, Miguel MARTIN NIETO, Federico RONCAROLO
  - As first stage for developing new SPS to NA spill high bandwidth diagnostics, the existing SY-BI installation BSTL.210272 will be refurbished to perform a first set of test with beam in 2022.
  - https://edms.cern.ch/document/2668019/0.1
- **SPS-Y-EC-0006 v.0.1**
  "Relocation of the Personnel Protection System racks equipped with input/output modules from their current underground locations to surface locations in the BA buildings."
  by Tomasz LADZINSKI, Miriam MUNOZ, Vitor dos RIOS, Didier VAXELAIRE
  - Relocation of the Personnel Protection System racks equipped with input/output modules from their current underground locations to surface locations in the BA buildings.
  - https://edms.cern.ch/document/2669636/0.1
- **SPS-CC-EC-0004 v.0.1**
  "Replacement of the radiating cable infrastructure employed for TETRA and mobile telephony systems in SPS points 3, 4- and 6 during YETS 2021-2022."
  by Marc-Antoine DENIS
  - Replacement of the radiating cable infrastructure employed for TETRA and mobile telephony systems in SPS points 3, 4- and 6 during YETS 2021-2022.
  - https://edms.cern.ch/document/2669943/0.1

AWAKE ECRs under approval

- **AWK-BPM-EC-0001 v0.1**
  "Modification of the detection system of BPM 412351 and BPM 412352 in AWAKE"
  by Eugenio SENES
  - The installation of the Cherenkov Diffraction (ChDR) BPM system in AWAKE requires the disconnection of BPM 412352, that will be converted into a ChDR BPM. In order to maintain the proton beam position detection, the detection system will be modified to measure the position of both the electron and proton beam using BPM 412351. This document describes the modifications that impact BPM 412351. The works on BPM 412352 are described in a separate document [EDMS 2667362].
  - https://edms.cern.ch/document/2667308/0.1
- **AWK-BPM-EC-0002 v.0.1**
  "Installation of the Cherenkov Diffraction BPM system in AWAKE"
  by Eugenio SENES
  - The Cherenkov Diffraction (ChDR) BPM system is composed of two BPMs placed in AWAKE between the electron line merge and the plasma cell. The first ChDR BPM will be installed ex novo in a drift, while the second is obtained by conversion of the existing proton BPM 412352. To maintain the current proton trajectory measurement, the electron BPM 412351 detection will be modified, in order to serve both as an electron -and as a proton- BPM.
    The works on BPM 412351 are described in EDMS 2667308.
  - https://edms.cern.ch/document/2667362/0.1