

MPS re-commissioning checklists

Cédric Hernalsteens, Daniel Wollmann

Status

- Structure for all systems added to the checklist tool
- Most available procedures translated onto a list of tests
 - Some are pending discussion with expert to go online
 - See next slide

Machine Protection and Related Systems

MPS System	MPP presentation	Procedure	Release date	MPP-LHC check list
Collimation System	21.05.	<u>889345 v.2.2</u>	V2.1 released 13.09.2017; V2.2 under approval	✓
Injection Protection System	23.04.	<u>889343 v.4.0</u>	08.06.2016	✓
Beam Interlock System	19.02.	<u>889281 v.3.0</u>	21.04.2016	✓
Powering Interlock System	19.02.	<u>896390 v.4.0</u>	12.02.2016	✓
Vacuum System	26.03.	<u>896391 v.1.0</u>	03.06.2016	✓
Beam Dump System	23.04.	<u>896392 v.3.0</u>	02.06.2016	✓
FMCM	19.02.	<u>896393 v.3.2</u>	02.03.2018	✓
BLM System	30.04.	<u>896394 v.3.4</u>	Approval closed 13.03.2018	✓
Warm Magnet Interlock System	19.02.	<u>896395 v.3.0</u>	24.02.2016	✓
Safe Machine Parameter System	19.02.	<u>1112187 v.1.0</u>	01.08.2016	✓
Software Interlock System	30.04.	<u>1062498 v.1.3</u>	15.01.2020	✓
Beam Current Change Monitor	08/092021	in work	ECR: <u>2308155 v.0.1</u>	
Beam Beam Wire Compensator	tbd	<u>2384198 v.0.1</u>	Under approval 11.06.2020	
Transvers damper (ADT)	08.2021	In work	Commissioning needs to be defined	
TOTEM / CTPPS	21.05.	No procedure		✓
ARP	21.05.	No procedure		✓
UPS test	-	<u>1773693 v.0.1</u>	Version 31.03.2017, Approval closed 07.2019	✓