

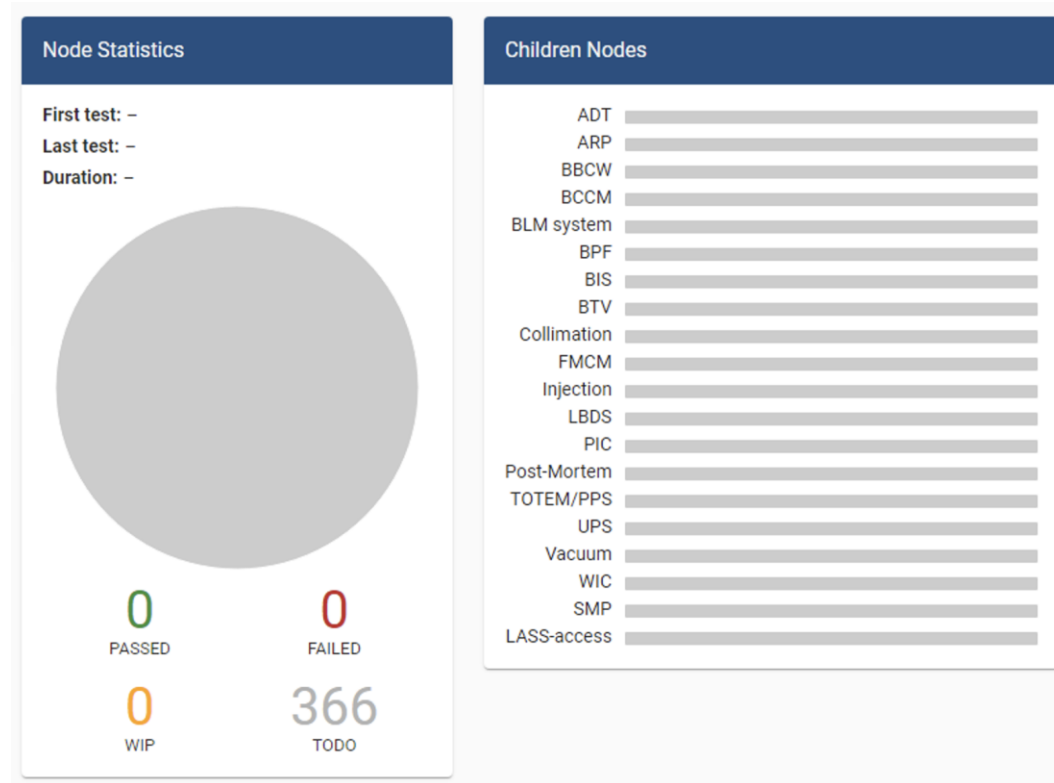
# MPS re-commissioning checklists

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<https://checklist.cern.ch>

# Status

- Reset of the statuses in the MPS tree performed (test history is preserved)
- Tests that do not need to be repeated after YETS are grayed-out in the tool
- For some systems, validation by experts still required (see next slide)





<https://checklist.cern.ch/machine/13/node/1000942>

MPS System	Procedure	MPP-LHC check list	Comments
Collimation System	<a href="#">889345 v.2.2</a>	<input type="checkbox"/>	
Injection Protection System	<a href="#">889343 v.4.0</a>	<input type="checkbox"/>	
Beam Interlock System	<a href="#">889281 v.3.0</a>	<input type="checkbox"/>	
Powering Interlock System	<a href="#">896390 v.4.0</a>	<input type="checkbox"/>	
Vacuum System	<a href="#">896391 v.1.0</a>	<input type="checkbox"/>	
Beam Dump System	<a href="#">896392 v.3.0</a>	<input type="checkbox"/>	
FMCM	<a href="#">896393 v.3.2</a>	<input type="checkbox"/>	See next slide
BLM System	<a href="#">896394 v.3.4</a>	<input type="checkbox"/>	
Warm Magnet Interlock System	<a href="#">896395 v.3.0</a>	<input type="checkbox"/>	BBCW tests TBC
Safe Machine Parameter System	<a href="#">1112187 v.1.0</a>	<input type="checkbox"/>	
Software Interlock System	<a href="#">1062498 v.1.3</a>	<input type="checkbox"/>	Under review by Jorg
Beam Current Change Monitor	<a href="#">2683896 v.1.0</a>	<input type="checkbox"/>	Pending today's discussion
Beam Beam Wire Compensator	<a href="#">2384198 v.0.1</a>	<input type="checkbox"/>	Pending repair outcome
Transvers damper (ADT)	In work	<input type="checkbox"/>	Empty
TOTEM / CTPPS	Based on prior test report: xxxx	<input type="checkbox"/>	Procedure to be prepared
ARP		<input type="checkbox"/>	
UPS test	<a href="#">1773693 v.0.1</a>	<input type="checkbox"/>	Test following EYETS only

# FMCM tests

- Do not perform tests with FMCM masked
- FMCM triggering tests with beam:
  - Do not perform at injection energy
  - Perform at flat-top only for **RD1.LR1** (PC replaced during YETS)

	Provoque triggering and check orbit for pilot at 450 GeV	Provoque triggering and check orbit for pilot at 7 TeV	Program a step (FMCM masked) and establish new reference for pilot at 450 GeV	Program a step (FMCM masked) and establish new reference for pilot at 7 TeV
RQ4.LR3				
RQ5.LR3				
RD34.LR3				
RQ4.LR7				
RQ5.LR7				
RD34.LR7				
RD1.LR1				
RD1.LR5				
RBXWTV.L2				
RBXWTV.R2				

 Sections 5 and 8 of the procedure.