

Status Report on the Bad Component Database

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Problem

- MC generation will start soon
- It has to know about bad modules
- BmO Sec3 question?
- On-line group is working on it
- If we are ask for the SiPixelQuality for the MC generation, we can react quickly



3 scenarios

- I made 3 possible payloads:
 - Scenario I: the problem will be fixed and we can use the current SiPixelQuality DB
 - Scenario II: SEC3 LYR1 and SEC3 LYR2 will not be used
 - Scenario III: SEC3 LYR3 will not be used
- Anything else?
- Validated the payloads with a MC simulation



Scenario I - Last version of SiPixelQuality DB

Layer1

BPix BpO SEC8 LYR1 LDR10H MOD3 (302059292)

BPix BpO SEC2 LYR1 LDR3F MOD2 TBM-A (302057496)

Layer2

BPix BpO SEC1 LYR2 LDR1H MOD4 (302123296)

BPix BpO SEC8 LYR2 LDR16H MOD4 (302127136)

BPix BpO SEC7 LYR2 LDR13F MOD3 TBM-B (302126364)

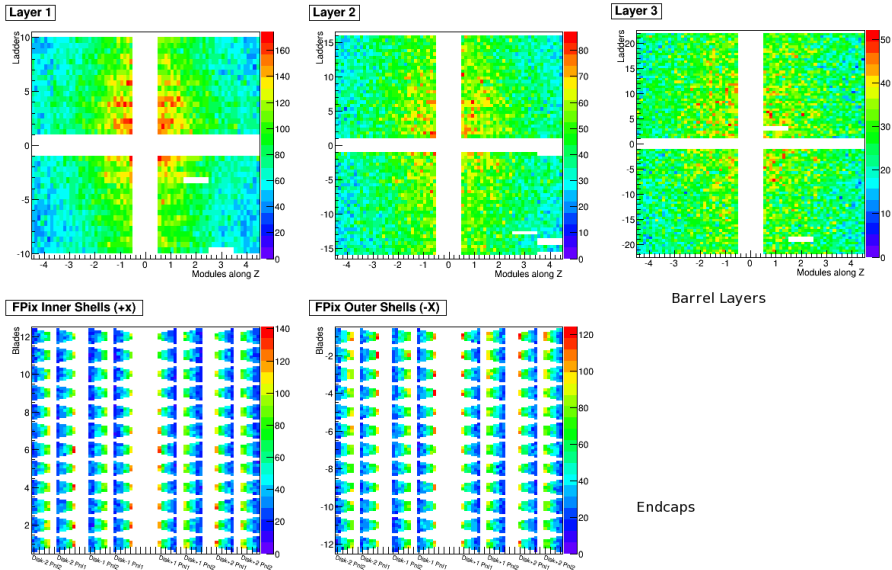
Layer3

BPix BpI SEC1 LYR3 LDR3F MOD1 (302188820)

BPix BpO SEC7 LYR3 LDR19F MOD2 (302194200)



Scenario I - Last version of SiPixelQuality DB



Scenario II - SEC3 LYR1 and SEC3 LYR2 will not be used

Layer1

BPix BmO SEC3 LYR1 LDR4 MOD4 302057732

BPix BmO SEC3 LYR1 LDR4 MOD3 302057736

BPix BmO SEC3 LYR1 LDR4 MOD2 302057740

BPix BmO SEC3 LYR1 LDR4 MOD1 302057744

Layer2

BPix BmO SEC3 LYR2 LDR5 MOD4 302124292

BPix BmO SEC3 LYR2 LDR5 MOD3 302124296

BPix BmO SEC3 LYR2 LDR5 MOD2 302124300

BPix BmO SEC3 LYR2 LDR5 MOD1 302124304

BPix BmO SEC3 LYR2 LDR6 MOD4 302124548

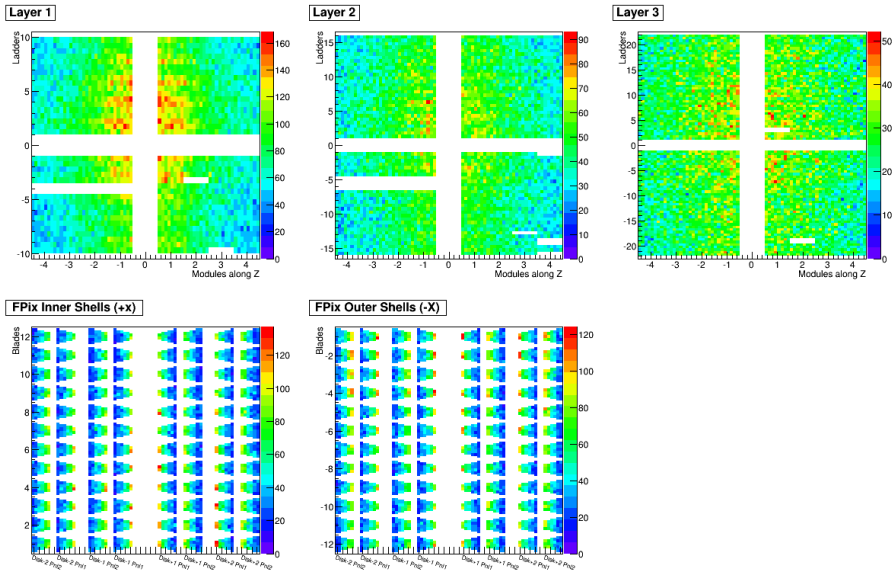
BPix BmO SEC3 LYR2 LDR6 MOD3 302124552

BPix BmO SEC3 LYR2 LDR6 MOD2 302124556

BPix BmO SEC3 LYR2 LDR6 MOD1 302124560



Scenario II - SEC3 LYR1 and SEC3 LYR2 will not be used



Scenario III - SEC3 LYR3 will not be used

Layer3

BPix BmO SEC3 LYR3 LDR7 MOD4 302191108
BPix BmO SEC3 LYR3 LDR7 MOD3 302191112
BPix BmO SEC3 LYR3 LDR7 MOD2 302191116
BPix BmO SEC3 LYR3 LDR7 MOD1 302191120
BPix BmO SEC3 LYR3 LDR8 MOD4 302191364
BPix BmO SEC3 LYR3 LDR8 MOD3 302191368
BPix BmO SEC3 LYR3 LDR8 MOD2 302191372
BPix BmO SEC3 LYR3 LDR8 MOD1 302191376
BPix BmO SEC3 LYR3 LDR9 MOD4 302191620
BPix BmO SEC3 LYR3 LDR9 MOD3 302191624
BPix BmO SEC3 LYR3 LDR9 MOD2 302191628
BPix BmO SEC3 LYR3 LDR9 MOD1 302191632



Scenario III - SEC3 LYR3 will not be used

