

Strip Sensors in Strip Project

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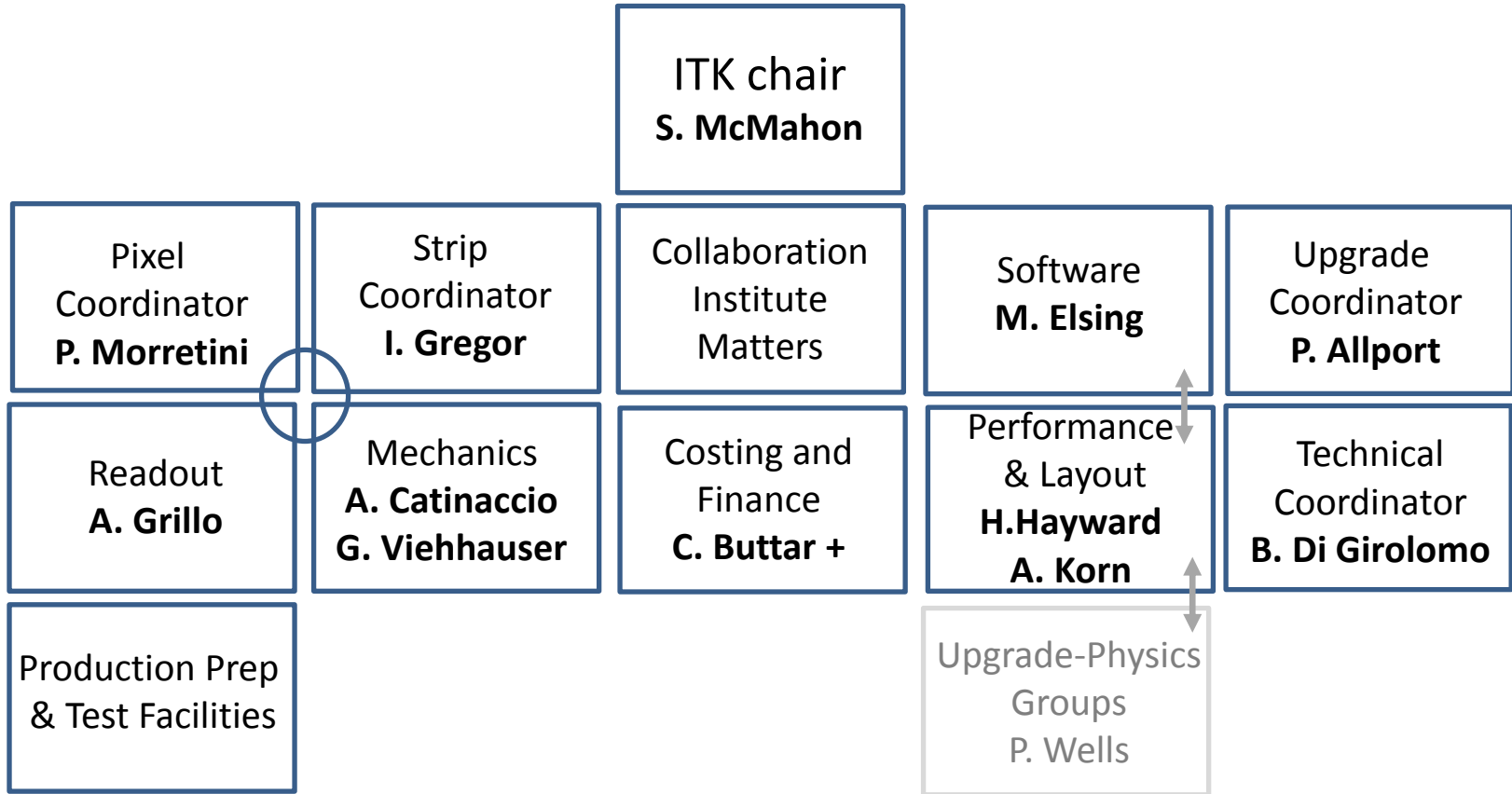
ITk organisation update

ITk Strip organisation

Strip Sensor Task to TDR and beyond

New Strip Sensor Task Coordinators

Updates to the ITK Organisation : ITk-SC

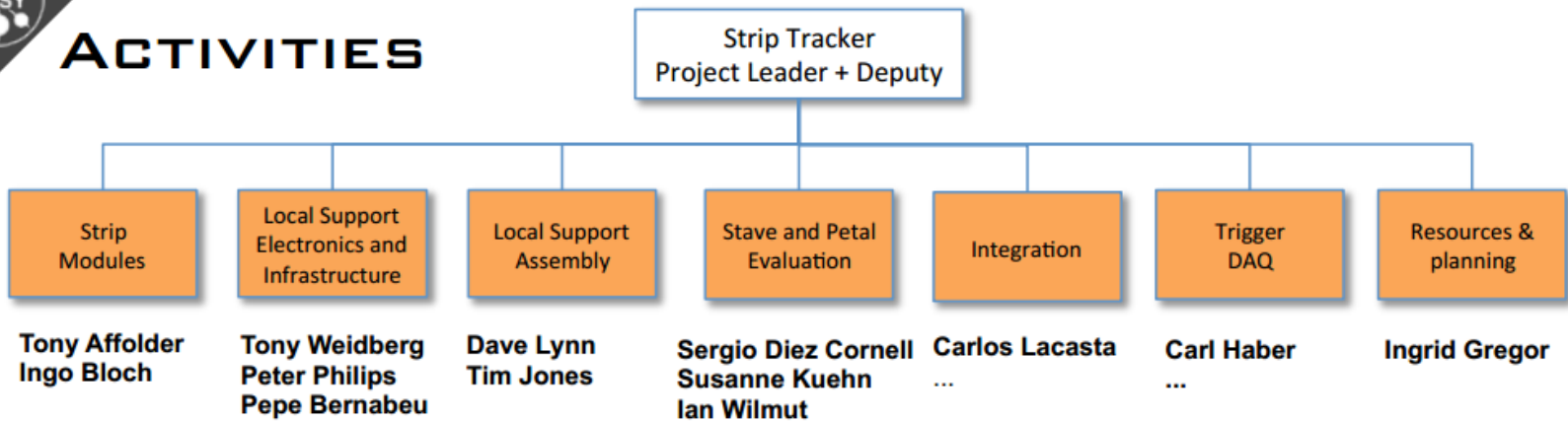


New organization does not have sensors as a ITK task (was lead by Hartmut, Nobu and Marko). It is now moved to new pixel and strip projects as closer to production.

New Strip Organisation 1

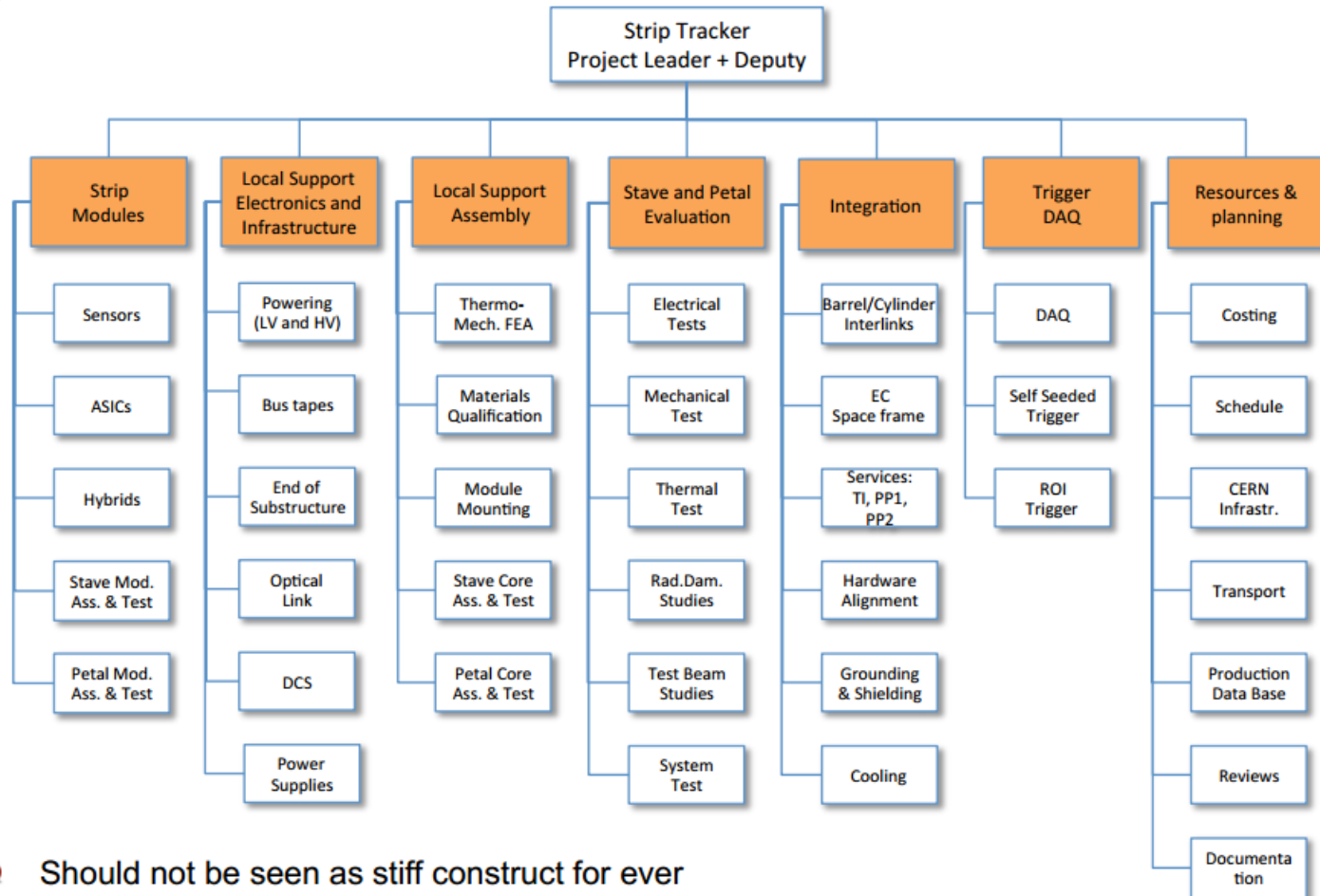


ACTIVITIES



- Organizational chart should not be too complicated
- A lot of activities to be covered; should not forget anything
- First version of chart was set up around Berlin meeting in spring 2013
- All activities should comprise barrel and end-cap matters
 - on purpose broke the existing structure to work on ONE detector
- Within the activities we have to identify clear tasks and the individuals to be in charge for the task.
- Ensure good communication between activities without adding too many meetings

New Strip Organisation 2



- Should not be seen as stiff construct for ever
- Activity coordinators can rearrange between activities at the beginning of the new project
- Keep full flexibility to adjust when needed

Strip Sensor Task

- Goal is to establish structure that can stay in place until production
- Tasks from previous experience includes (in discussion with Hartmut and Nobu):
 - Contact with suppliers
 - Costing and procurement
 - Technical specs
 - Feedback of new measurements into final specification
 - Design and Layout
 - Testing of mini's and full-size sensors
 - Development towards production receiving and QA protocols
 - Common protocols for barrel and end cap, as much as possible
 - Contact with irradiation program
 - Start an official 8" program
 - Help coordinate results ending up in global paper, common approved figures for sensor talks, people doing work getting conference talks

Interaction with Strip Module Activity

- Communication
 - Pass results, concerns,... from/to community to/from strip leadership
- Papers/talks
 - We would like to suggest/collect official name lists for all papers/conference proceeding
 - ITK, strips, strip modules, strip sensors, strip ASICs,...
- Ordering
 - Define pathways for approval and funding of submissions
 - Not clear if that is done at Strip project or ITK level
 - Not clear how this changes as the project goes through the approval and production process
 - (IDR-> TDR -> pre-production -> production order)
 - First EC full-size HPK order is already funded and will go through group which organized order for ATLAS12M and ATLAS12A prototypes

Strip Sensor Task Coordinators

- In discussion with past ITK sensor coordinators and others in community, decided 3 coordinators necessary
 - To cover contacts to suppliers and CMS, and to follow the barrel and end cap specific issues
- Vitaliy Fadeyev, Carlos Lacasta and Nobu Unno have agree to take on this role
 - Thanks in advance for all the hard work this task will entail
- We would also like to thank Hartmut Sadrozinski for all his tireless work getting us here
 - And for staying on to help with discussions of performance, testings, specifications,...