

WLCG Workshop(s)



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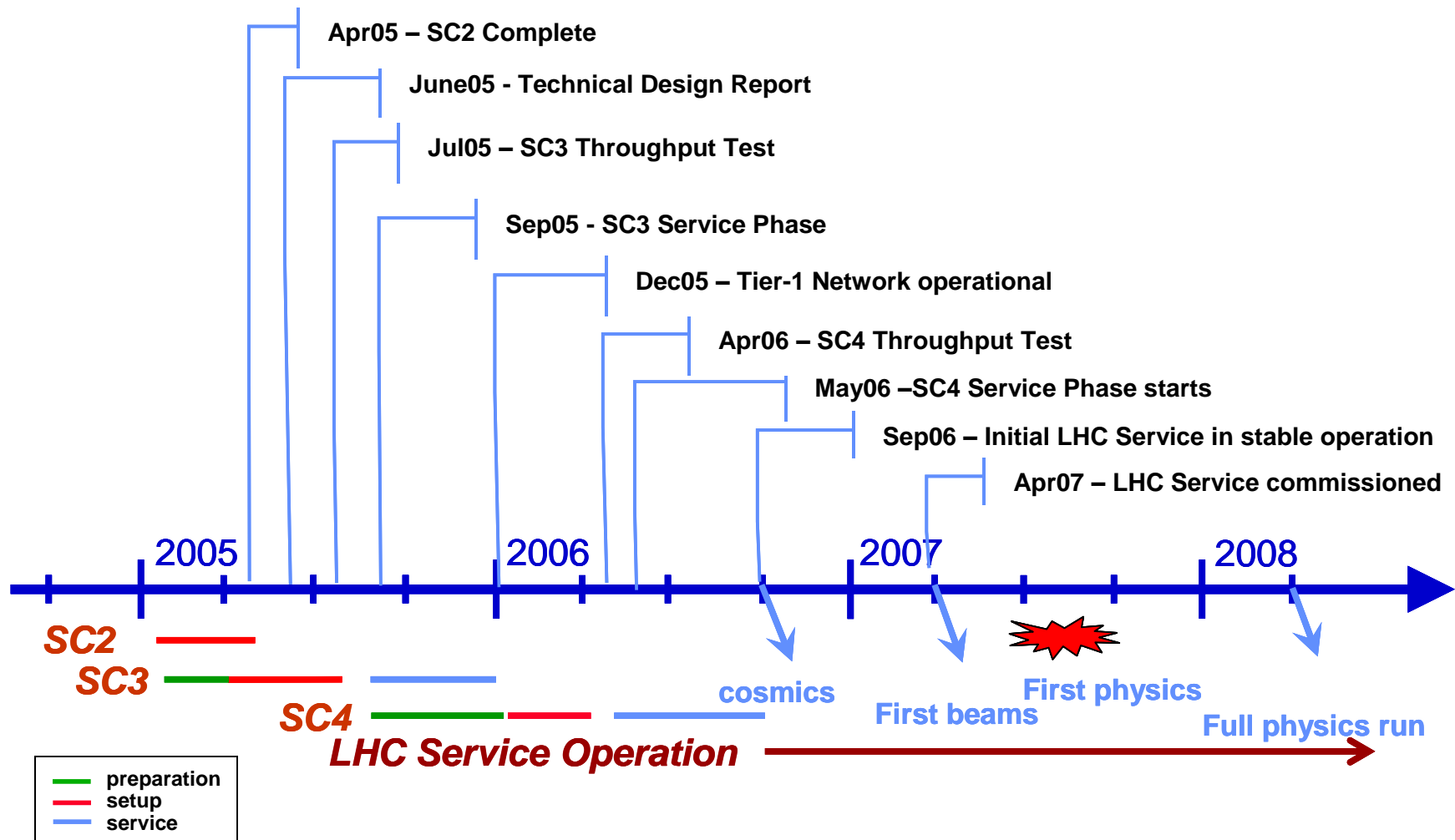
GDB
CERN, 9th May 2012



Background

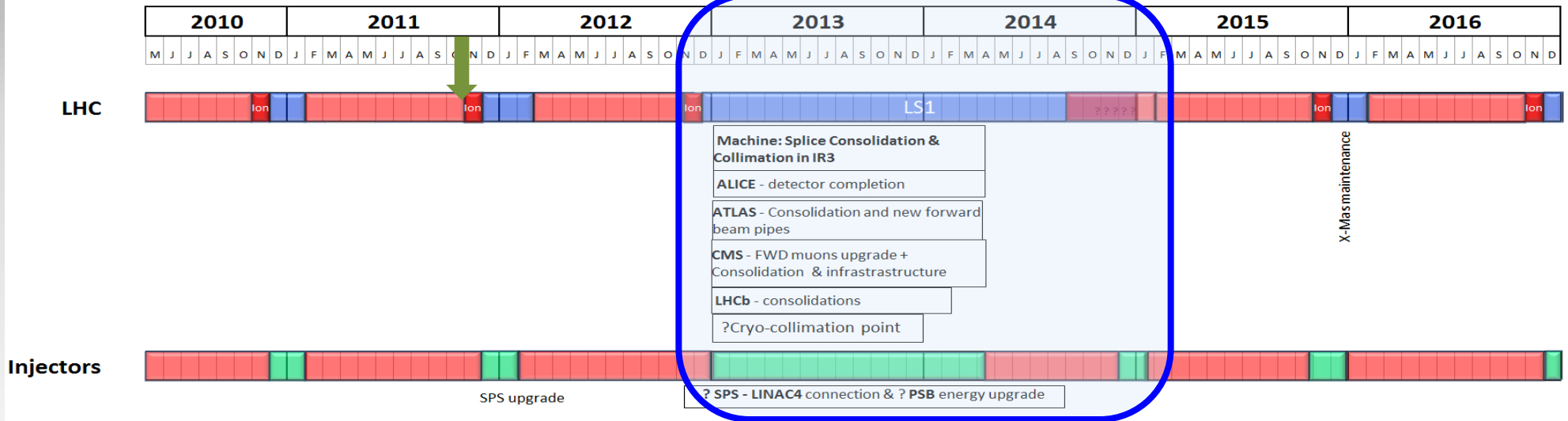
- We have held pre-CHEP workshops in Mumbai, Victoria, Prague and now New York
- Dates have to be confirmed WELL in advance
 - > 1 year
- Parallel sessions were not popular – last held in Victoria
- For NYC, have 120 registered attendees, nearly all of whom will attend also CHEP
- Mailing list: wlcg-workshop-may2012@cern.ch

LCG Deployment Schedule



New rough draft 10 year plan

Not yet approved!

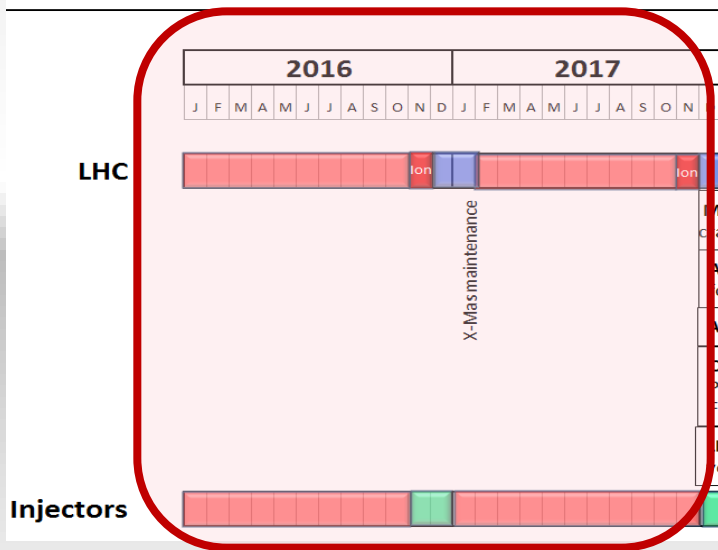
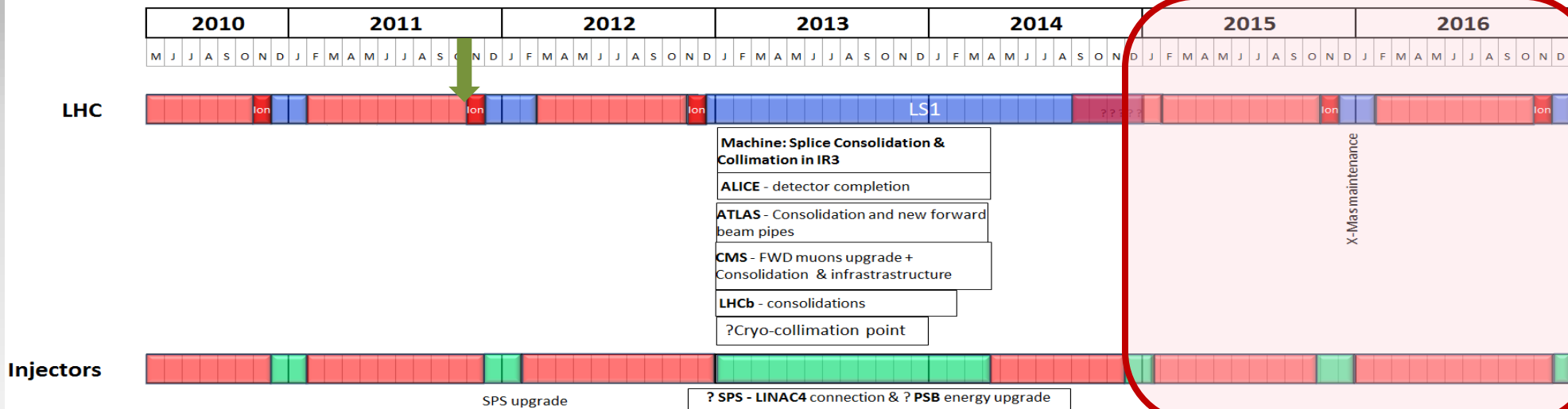


2013 – 2014: Long Shutdown 1 (LS1) consolidate for 6.5 / 7TeV

- Measure all **splices** and repair the defective
- **Consolidate interconnects** with new design (clamp, shunt)
- Finish installation of **pressure release valves** (DN200)
- **Magnet consolidation**
- Measures to further **reduce SEE** (R2E): relocation, redesign, ...
- Install **collimators with integrated button BPMs** (tertiary collimators and a few secondary collimators)
- Experiments consolidation/upgrades

New rough draft 10 year plan

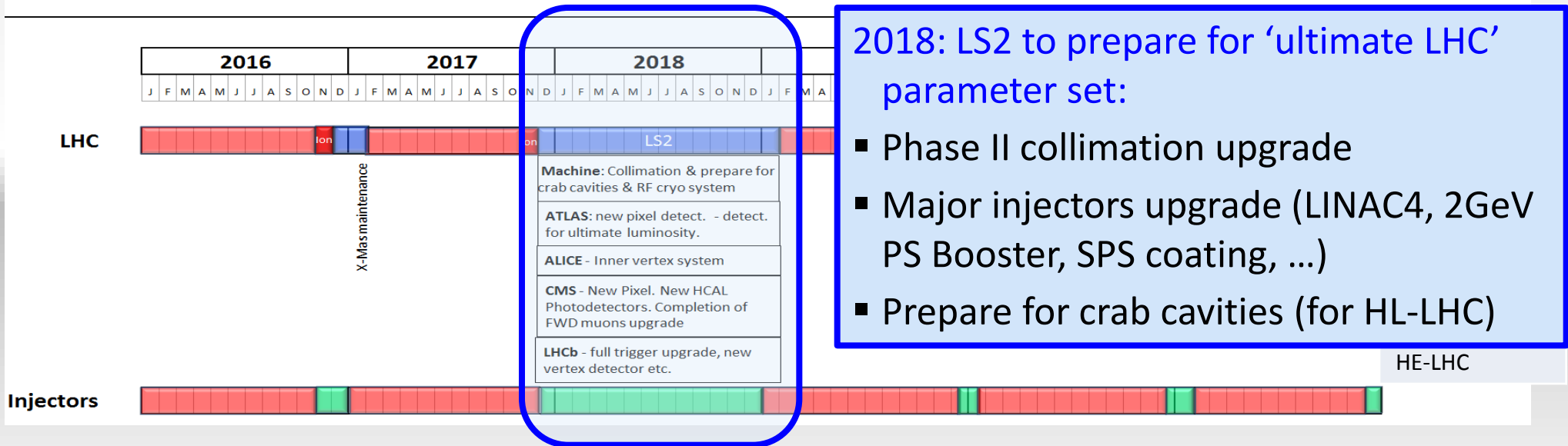
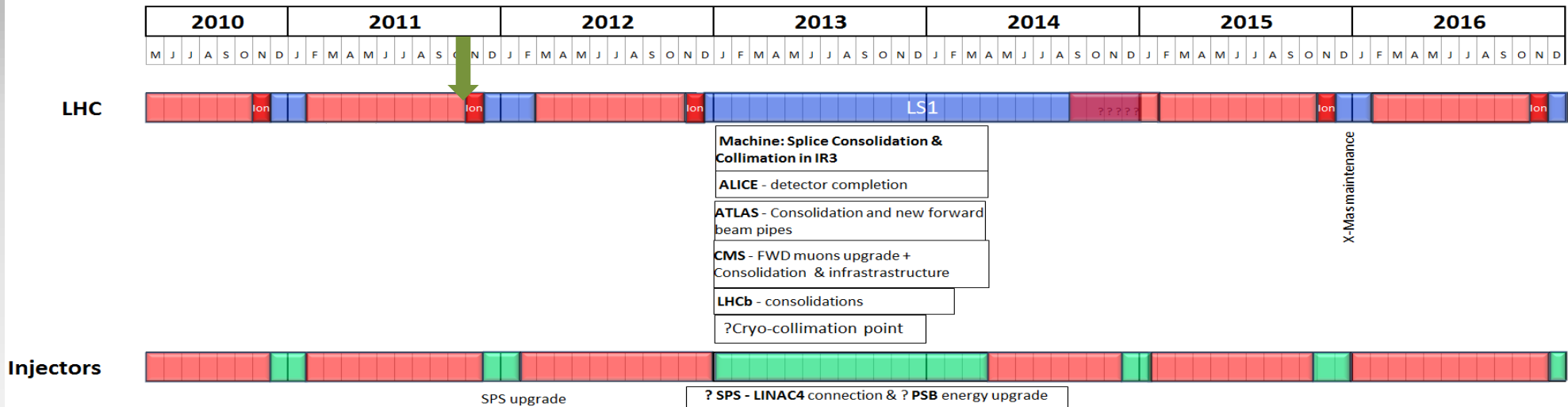
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2015 – 2017:
Physics at 6.5 / 7 TeV

New rough draft 10 year plan

Not yet approved!



2018: LS2 to prepare for 'ultimate LHC' parameter set:

- Phase II collimation upgrade
- Major injectors upgrade (LINAC4, 2GeV PS Booster, SPS coating, ...)
- Prepare for crab cavities (for HL-LHC)

Future Workshops

- CHEP 2013 will be in October, Amsterdam
- CHEP 2015 will be in A-P(?), “around time of 6.5+6.5 TeV collisions” (IMHO)
- Probably not appropriate for schedule that we need to develop to prepare for RUN2

N.B. production will continue and must not be disrupted!

- Non-CHEP workshops, in DESY, IC, CERN, ...

Outline Agenda

- Follows sessions outlined early 2012 but updated to reflect recent activities, e.g. finalisation of TEG reports plus *“exciting new development”* on Feasibility Study on Common Analysis Framework
- Keep agenda agile and relatively loose – discussion and networking is one of main reasons for these events
- But we need to identify main topics and speakers between now and end of the week

Agenda Discussion

- Switch to Indico page:

<https://indico.cern.ch/conferenceDisplay.py?confId=146547>

– CMS survey linked to WS agenda page

Conclusions

- We need to use this and future workshops to prepare for “RUN2” as in the past we prepared for “RUN1”
- Whilst we have the existence proof of the current (imperfect) service, many changes and challenges remain, not least regarding resources
- Output of the WS: a draft Gantt chart for RUN2?

**The Service is
the Challenge**