

WLCG Collaboration Workshop,

"Gotham City", May 2012

Introduction





Background

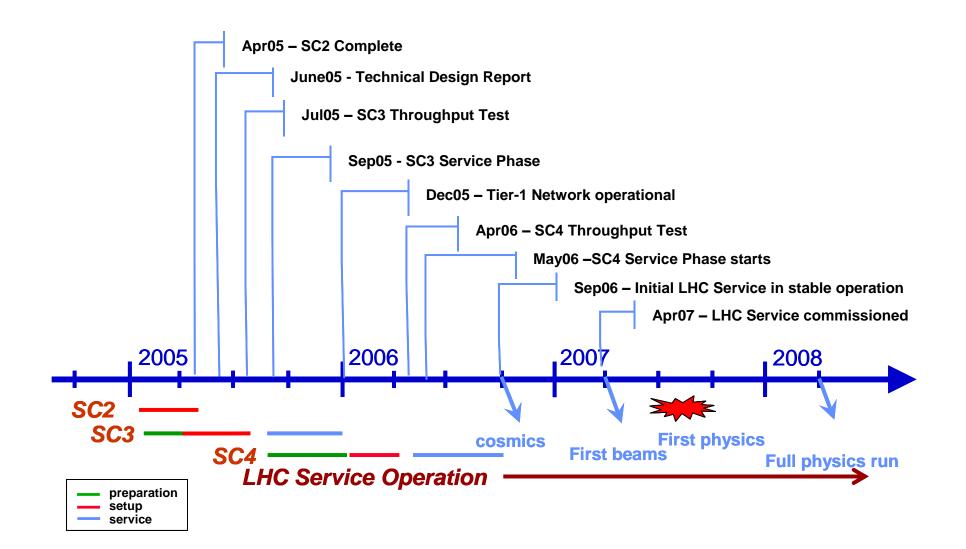
 We have held pre-CHEP workshops in Mumbai ('06), Victoria ('07), Prague ('09) and now New York

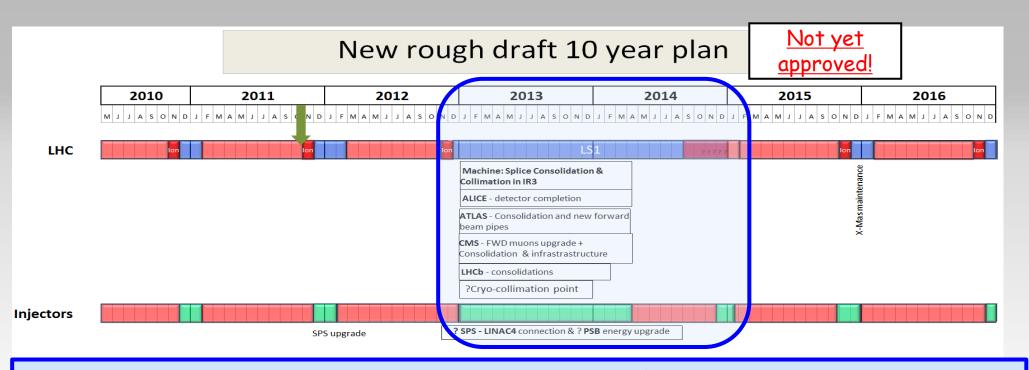
We have 120 registered attendees

Mailing list: wlcg-workshop-may2012@cern.ch



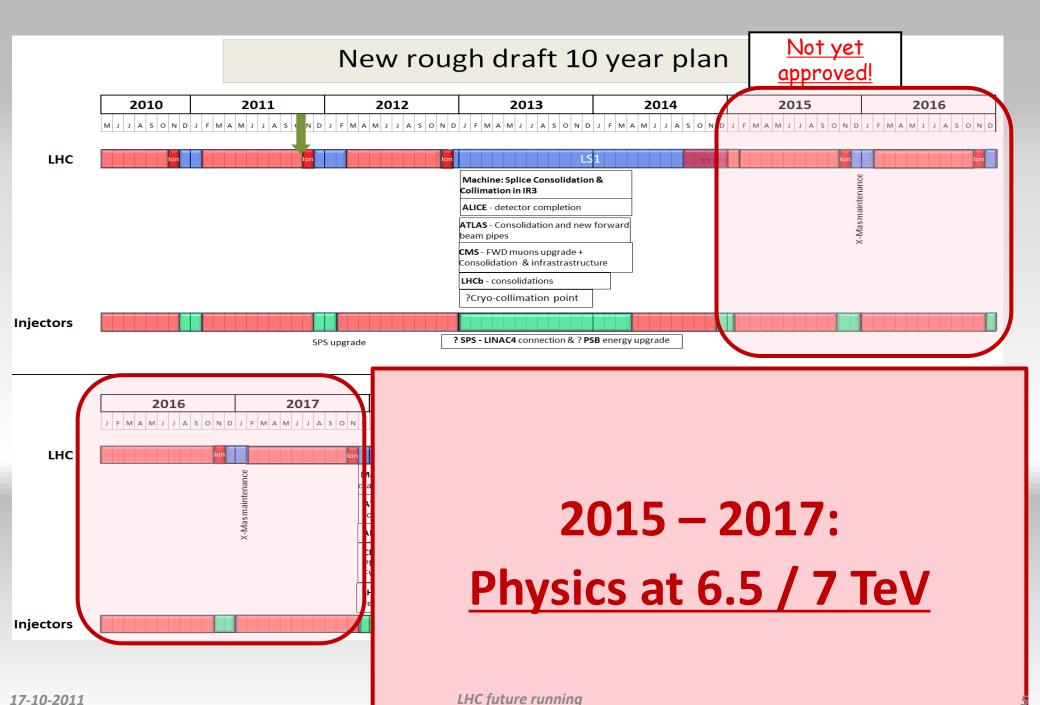
LCG Deployment Schedule



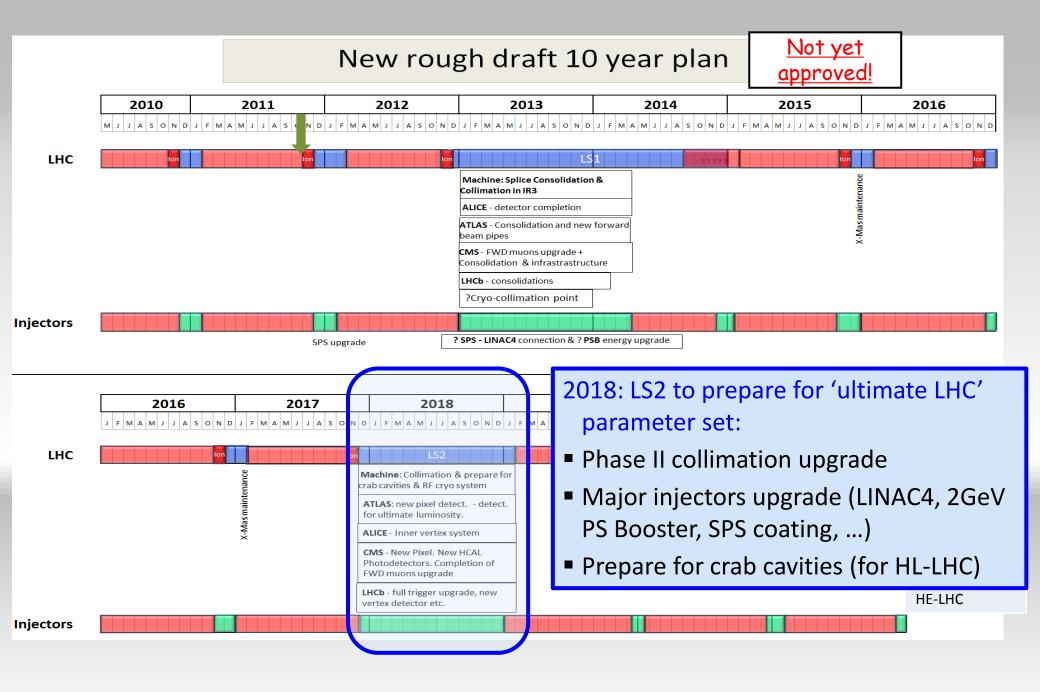


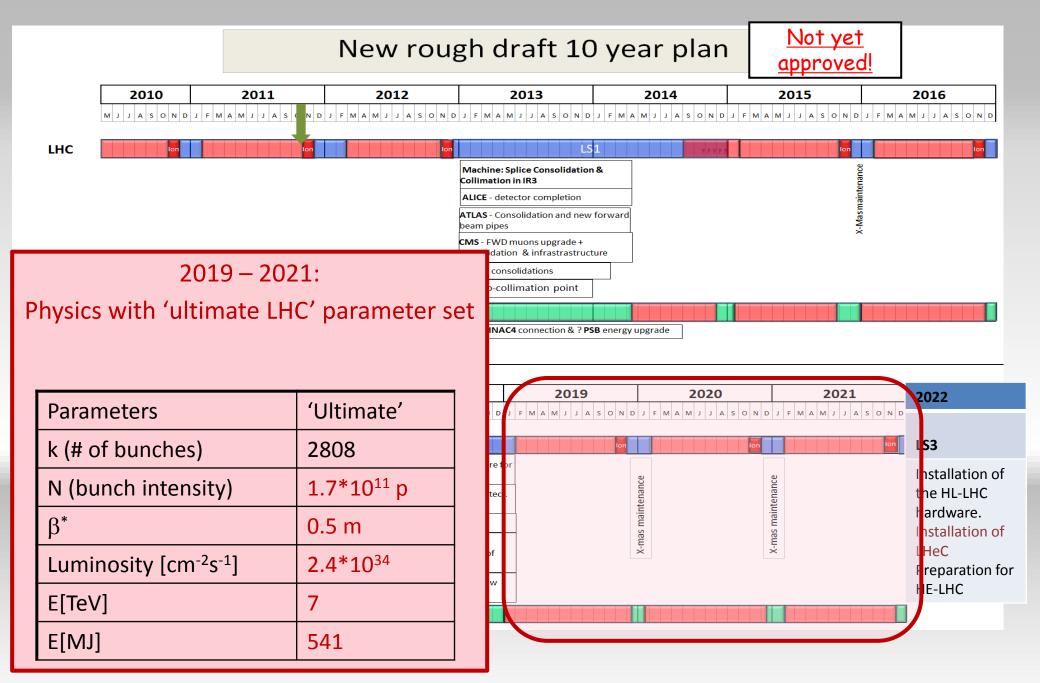
<u>2013 – 2014: Long Shutdown 1 (LS1) consolidate for 6.5 / 7TeV</u>

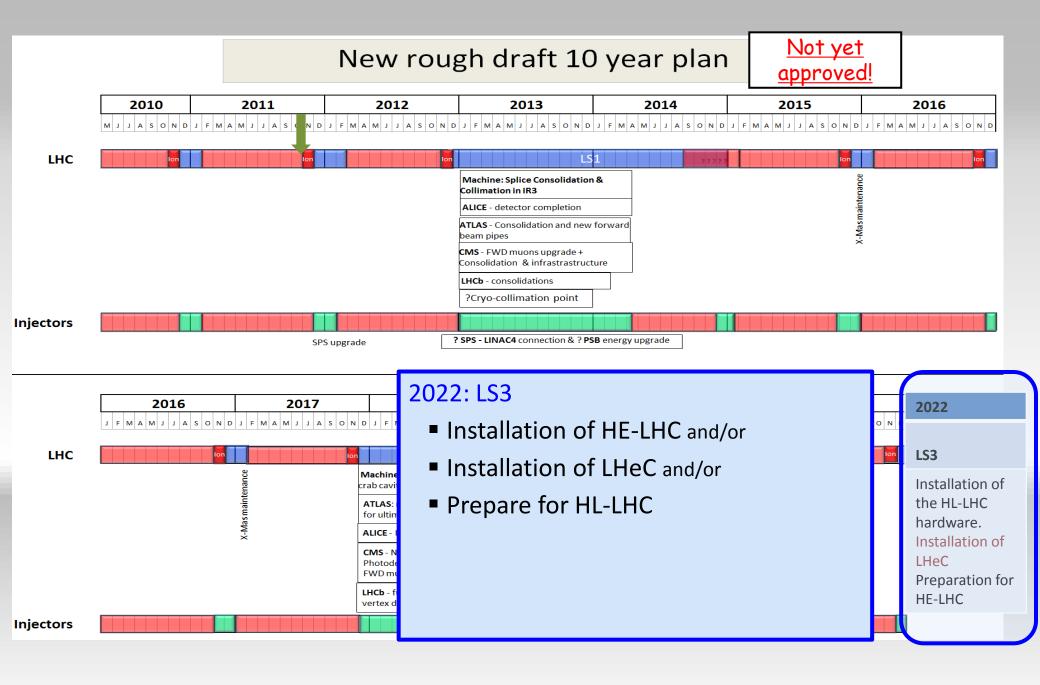
- Measure all splices and repair the defective
- Consolidate interconnects with new design (clamp, shunt)
- Finish installation of pressure release valves (DN200)
- Magnet consolidation
- Measures to further reduce SEE (R2E): relocation, redesign, ...
- Install collimators with integrated button BPMs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



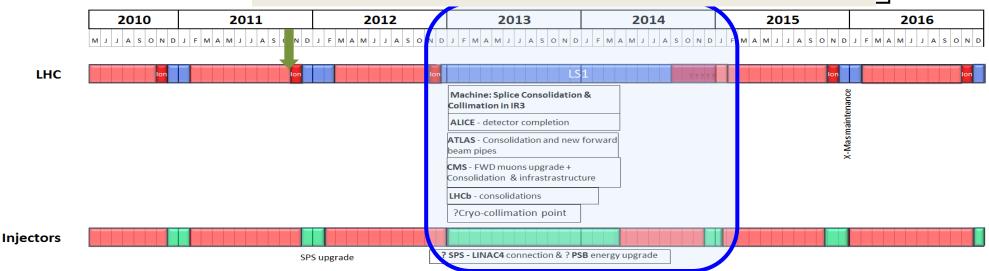
17-10-2011











2013 - 2014: Long Shutdown 1 (LS1) consolidate for next LHC Physics Run

• ..

• ..

Changes and actions to be discussed at this workshop and beyond...

• ..

...

- ...



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

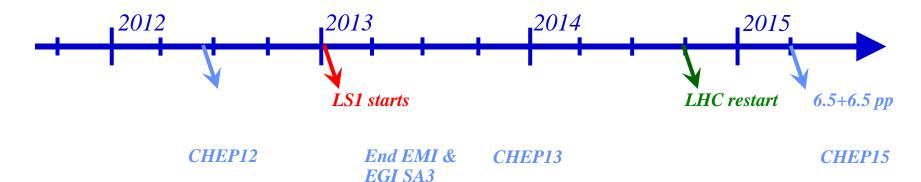


Agenda may change – even as we talk!



WLCG "Energy" Upgrade - Tentative Schedule

- New TierO in operation?
- New Tier1s in operation?
- Deployment of glexec?
- Deployment of monitoring enhancements?
- Decommissioning of LFC? WMS? Other services?
- Deployment of Storage Accounting?
- Deployment of FTS 3.x?
- Scale Test of "Horizon 2015" environment?



"Horizon 2015" - the Next Physics Run

- Need to be ready for LHC restart late 2014 (?)
- Minor adjustments and repairs possible in expected shutdown of that year
- This means that we have 2 years to be on the safe side...
- Starting today, understand all the changes desired / required, the on-going production activities and fit them into the "Horizon 2015" plan
- Monitor regularly 6 monthly topical workshops in addition to GDB / MB?
- Will we need a series of integration tests? A suivre...





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 "Horizon 2015"



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

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

Workshop Wrap-up

On Sunday evening there is a short wrap-up session that currently includes:

First draft of Horizon 2015 timeline;

Awards!

Tonight there is a reception!

The Service is the Challenge