Verify the Scale for 2009/10

Another CCRC does not fit the CMS program

- We ARE in continuous production mode.
- We have to fulfill many CMS schedule constraints.
- CMS production has to have priority over any 'scale testing exercise'.
- We cannot use all resources (human, hardware & services) for a "Challenge"

We are working with sites to improve "Site-Readiness" with high priority NOW.

For any combined VO activity CMS proposes STEP-09:

- Scale Testing for the Experiment Program at the WLCG 2009
- Possible Schedule: May/June, to finish by end June!

We would like to stress:

- The priority to improve the site readiness is there NOW and not only in May/June when ATLAS and the other VO's are actively scale-testing at the same time.

3) Production & Analysis

2) Software, Computing & Physics Analysis

Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct

CruZet, CRAFT re-reco's @ T0/T1

Summer08/Fall09 MC Production & Analysis@ T2's

CMS Global Runs & Functionality & Scalability tests @T0/T1/T2

MC Production& Analysis @ T2's continues all time…

CRAFT: full CMS data taking mode

Probably CRAFT re-reco's @ T1

CMS READY for Beam
full CMS data taking mode

Release CMSSW3_0
(limited validation, step towards 3_1)

Deadline for Input for 3_1
CRAFT, Trigger Review (menu), Phys etc.

Release CMSSW3_1 (LHC Startup)

Full validation of 3_1
(incl. production and physics)

Start Fullsim production 3_1

Use 3_1 widely
CMS gets familiar with 3_1

Start Fastsim production 3_1

CMS READY for Beam

4) STEP-09

2) Software, Computing & Physics Analysis

Proposed CMS program

1. Test T0 tape recording for 4 VO's at full rate, test at what rate it breaks
2. Test T1 archiving and processing at req. scale (re-reco & skimming)
3. Test T0-T1, T1-T1 and T1-T2 data transfer at req. scale
4. Exercise Analysis at "Commis-sioned T2's" at req. scale

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CMS READY for Beam

Service Levels to qualify for membership of WLCG

One more point… there is an important question:

When does the MOU service level commitment start?

Potential answers:

"When LHC starts to take data"

"When we agree that it starts, … when we are ready"

We need it a few months in advance of start of data taking, like … June/July. We should agree (in the MB/CB/OB) on a date.