

ADCoS senior duties for Run 2 :

Comp@P1 Merge and Typical 8 hours

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# “comp@P1 senior duties” have a long history

- Started with 4 senior shifts :

- ADCoS : production on all sites
- “Data export” : transfers between T0 and T1, disk space, central services
- “T0” : report Athena crashes & general T0 shape, link to “PROC” and run.
- Database

*Merged  
for a while*

- June 2014 :

- “T0 tasks” go to PROC and SW
- Database goes to central shifts
- ADCoS responsibilities extended to include “data export” (i.e. cover all transfers)

Consequence : Production responsibility transferred to a reinforced GDP (see later talk)

- September 2014 :

- Plan blessed by ADC5 and presented to ICB
- Call for help targeted to “ex – comp@P1 shifters”, but all of you are welcome 😊
- Need for tutorials identified : here we are

# Getting information

- Unique entry point from ADC page : Main ADC Activities → ADC Shifts

## Contacts

Any ATLAS member interested in ADC shifts can contact us via the mailing list [atlas-adc-shift-coordination AT cern.ch](mailto:atlas-adc-shift-coordination@cern.ch), or by contacting Kaushik De or Claire Adam. We will find out with you what suits you best.

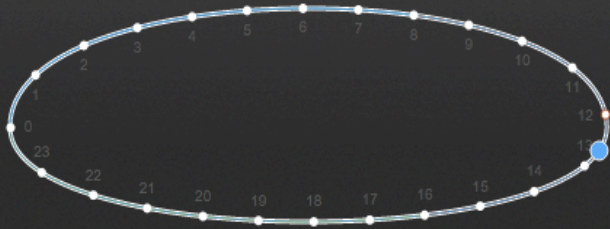
FYI, the Monitoring of the T0 tasks and report of athena crashes, which was a part of the [CompAtP1](#) shifts for run1, is now under the responsibility of the Software shifters. The [SWShiftChecklist](#) gives a overview of the content of their shift, for more information or to contribute please contact Armin Nairz, Luis March Ruiz or Mark Hodgkinson.

- You can find there :
  - This jamboree = the starting point for documentation,
  - Updated twikis
  - Link to monitoring page
  - Team and meetings

# ADCoS Senior Shifter Tasks



## Timeline



### LINKS

- [ADCoS twiki](#)
- [ADCoS team](#)

## 5th hour

TASK 1

Elog: Shift Summary for 'your name'

TASK 2

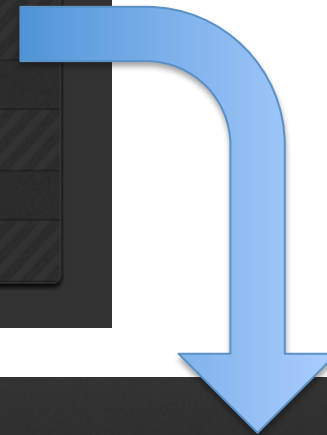
Check the ATLAS DDM Dashboard  
(Overview)

TASK 3

Monitoring the Atlas Central Services

TASK 4

Functional Tests Monitoring Plots



Introducing  
“the clock”

C Adam-Bourdari

TASK 2

Check the ATLAS DDM Dashboard  
(Overview)

If you find any problem, first communicate with ADCoS

Task links: [\[1\]](#)

More info: [twiki](#)

Completed

# 8 hours time line as defined in July

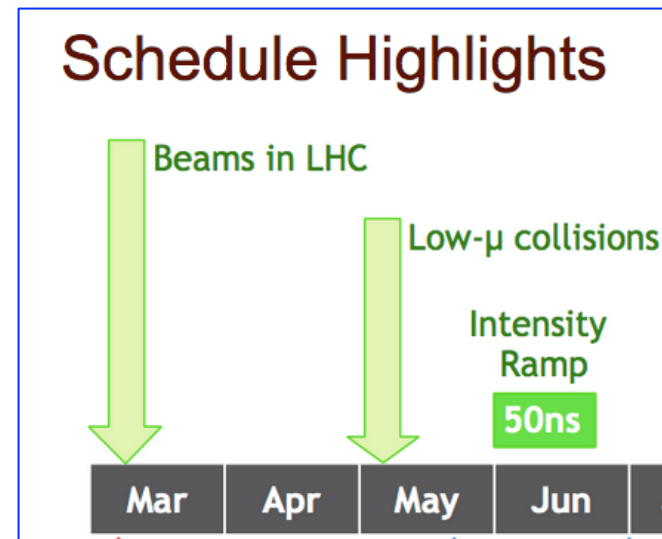
Hour	Goal	Tools	Work time estimate
1	Overview of known problems DDM status for Functional Tests <i>+ Quick check of T0 export &amp; central services</i>	Twiki, AGIS, GGUS, elog and shift reports. DDM dashboard & SLS	~ 45 minutes
2	Storage space and file deletion status DDM status for prod & consolidation transfers <i>+ Quick check of T0 export &amp; central services</i>	Storage space and deletion monitoring DDM dashboard	~ 45 minutes
3	Embark on DDM per cloud, starting by T0 export related issues. <i>+ Quick check of T0 export &amp; central services</i>	DDM dashboard & GGUS	~ 45 minutes
4	DDM per cloud (cont'd) <i>+ Quick check of T0 export &amp; central services</i>	DDM dashboard & GGUS	~ 45 minutes
5	Transfers backlog for real data Production jobs in transferring state <i>+ Quick check of T0 export &amp; central services</i>	BigPanda (view to be defined) Ganglia like plots	Lunch + 30 minutes
6	Production error rate per cloud <i>+ Quick check of T0 export &amp; central services</i>	BigPanda and Jira/GGUS for reporting	~ 45 minutes
7	Check priority tasks (a defined by GDP) <i>+ Quick check of T0 export &amp; central services</i>	BigPanda and Jira/GGUS for reporting	~ 45 minutes
8	Frontier, squid Last tour and shift summary Interactions with expert & next shifter	Frontier & squid monitoring elog	~ 45 minutes

# 8 hours timeline, as defined in July

Hour	Goal	Tools	Work time estimate
1	Overview of known problems DDM status for Functional Tests + <i>Quick check of T0 export &amp; central services</i>	Twiki, AG DDM dash	<p>Time available for production has shrunk to 1.5 hour : do we prioritize or take the risk to provide marginally relevant feedback ?</p> <p>1) what ADCoS shifter knows best is the sites status... let's use this competence</p> <p>2) GDP knows which tasks are important... let's use this competence</p> <p>3) People who send tasks know their code... let's use this competence</p>
2	Storage space and file deletion status DDM status for prod & consolidation transfers + <i>Quick check of T0 export &amp; central services</i>	Storage sp DDM dash	
3	Embark on DDM per cloud, starting by T0 export related issues. + <i>Quick check of T0 export &amp; central services</i>	DDM dash	
4	DDM per cloud (cont'd) + <i>Quick check of T0 export &amp; central services</i>	DDM dash	
5	Transfers backlog for real data Production jobs in transferring state + <i>Quick check of T0 export &amp; central services</i>	BigPanda Ganglia lik	
6	Production error rate per cloud + <i>Quick check of T0 export &amp; central services</i>	BigPanda	
7	Check priority tasks (a defined by GDP) + <i>Quick check of T0 export &amp; central services</i>	BigPanda and Jira/GGUS for reporting	~ 45 minutes
8	Frontier, squid Last tour and shift summary Interactions with expert & next shifter	Frontier & squid monitoring elog	~ 45 minutes

# Status and time constraints

- Migration to new tools finished and “documented” :
  - People will recognize : DDM dashboard, elog, GGUS
  - Will have to learn about : big panda (and tasks failing), jira (replaces savannah)
- Some “ex-comp@P1” views are still to be defined/tried :
  - Best views for file transfer backlogs
  - Deletions and disk space monitoring
  - New central services monitoring
- Dead lines ?
  - For M8 (Feb) : seems that T0 files will be stored and directly copied from Castor
  - ~~Still~~ have one S&C week before data !  
ONLY



# Overview and next steps

- The priority for all of us is to get used to new tools... and for this ADCoS shifts are the best entry door !
- “Clock” will be available next week, and we have 3 months to exercise it before data come.
- Everything is ready to welcome “ex comp@P1 shifters”, cloud support and site managers who want to step in.

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*Organization-wise, Expert shifters and AMOD discussion can and will start.*

*Goal : be ready for the next S&C workshop ( 2-6 Feb 2015 )*