



# ATLAS Level-1 Calorimeter Trigger

## CP/JEP ROD Prototype

Test Status, January 2002  
(Driver follow that Bus)

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# Overview

- DSS Status
- ROD Status
- Plans



# DSS Status

- Fault “DSS-1”
  - address counter of s-link destination card.
  - behaviour: occasionally offset by one from correct value, after transmission.
- Fix provided (December)
- Fix tested (January):
  - Data corruption, detected.
- New fix (now) in hand. Test this week



# ROD Status

- All previous fault reports addressed.
  - Slice operation: fixes were thought complete
  - Rol operation: corresponding firmware needs test
- But:
  - new data corruption detected with flow into S-Link ODIN card in “ROS”-like PC.
    - single event bursts ok (even big ones with 5 slices)
    - problems worse without DMA mode at destination Card
    - probably flow control. (need to understand with logic analyser).



# Plans

- Test DSS firmware provided today.
- Understand new flowcontrol problems
  - then submit “problem report”
- Retest RoI behaviour
  
- Then ... more soaking.