



cnes
CENTRE NATIONAL D'ÉTUDES SPATIALES

1584 days in orbit

- 17 observation Runs completed
- 1457 (Sismo) / 1409 (Exo) days of observation
- No Safe mode experienced so far !!!

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Flags: France, Germany, Brazil, ESA, Spain

Corot logo

This slide is similar to the first one but includes a list of mission statistics. The image of the satellite is smaller and positioned on the left side of the slide. The statistics are listed in a bulleted format on the right.

Status of the System



■ Satellite : **OK**

■ Instrument : **OK**

■ Ground segment :

- ♦ Control segment : **OK**
- ♦ Mission segment : **OK**
- ♦ Ground stations : ALC, VGS

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A few details ...

■ Overlightning – March 11, 23:49 TU

- ♦ All star and bkgd products concerned simultaneously
- ♦ ~30 seconds
- ♦ ecarto declared continuously unvalid during 25 s
- ♦ a small object encounter ?

■ A loss of one TM sample on 53 Exo stars at 1st oversampling LRc07 (> 500 stars updated) : under investigation

■ Exporanks : a few events coming back ; « FFFF » data impacted – under investigation

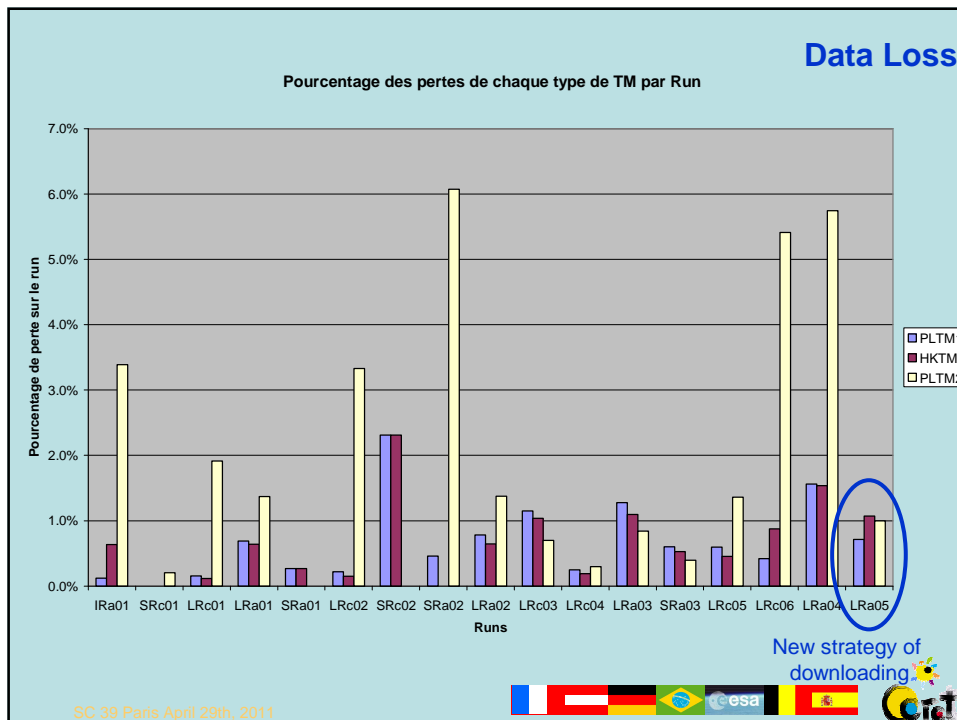
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Operations achieved in the period

- LRa05 Pointing operations : 2010 December 16 – 22
 - ♦ Observation during 95 d (Sismo) / 91 d (Exo)
- March – April operations :
 - ♦ End of LRa05 : March 22nd
 - ♦ Activities for P/F expertise (calibration of thrusters, check of redundant equipment, ...)
 - ♦ Acquisition of data Instrument (evaluation of the Earth straylight at the limit, revisit of IRa01, LRa01 FOV)
 - ♦ Preparation of Corot 9b revisit : Pointing, Sismo data acquisition and programming, S/L fine pointing, Exo full frame acquisition
 - ♦ LRc07 pointing operations : April 5 - 8

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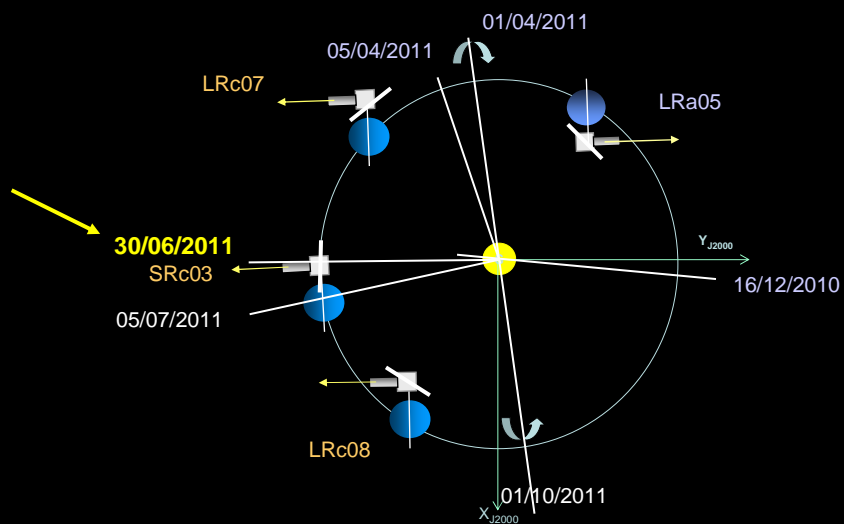
Future

- 4th CoRoT REVEL at CNES with LESIA, LAM, IAS, OMP : June 9
- 2nd CoRoT Symposium : June 14 - 17
- Operations : see next

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Next Operations



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