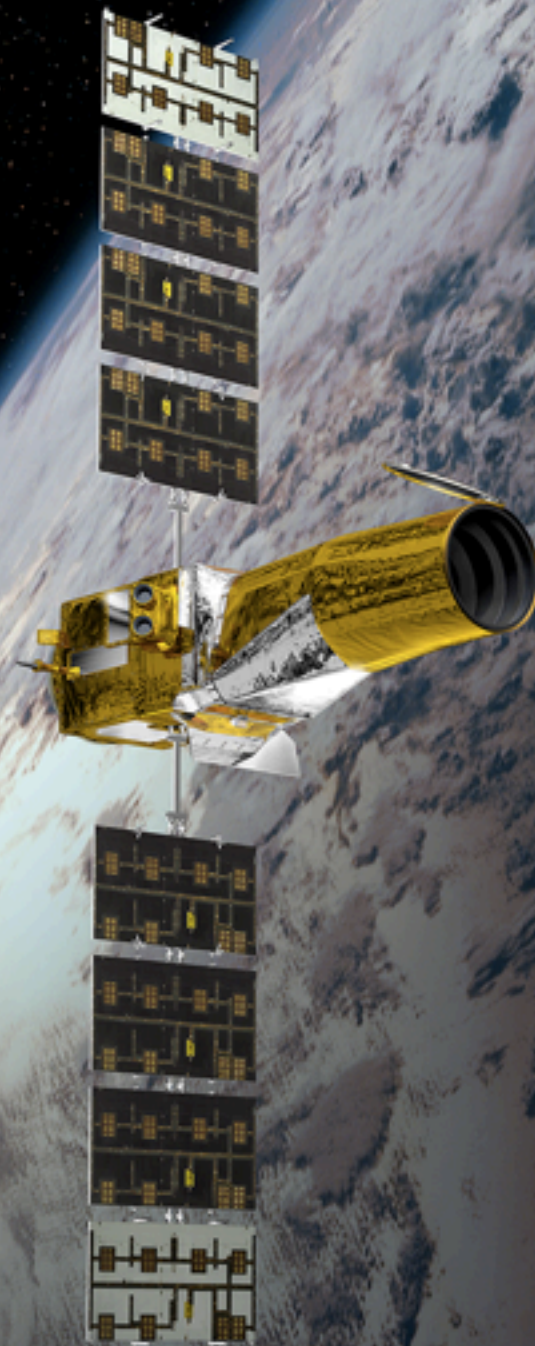
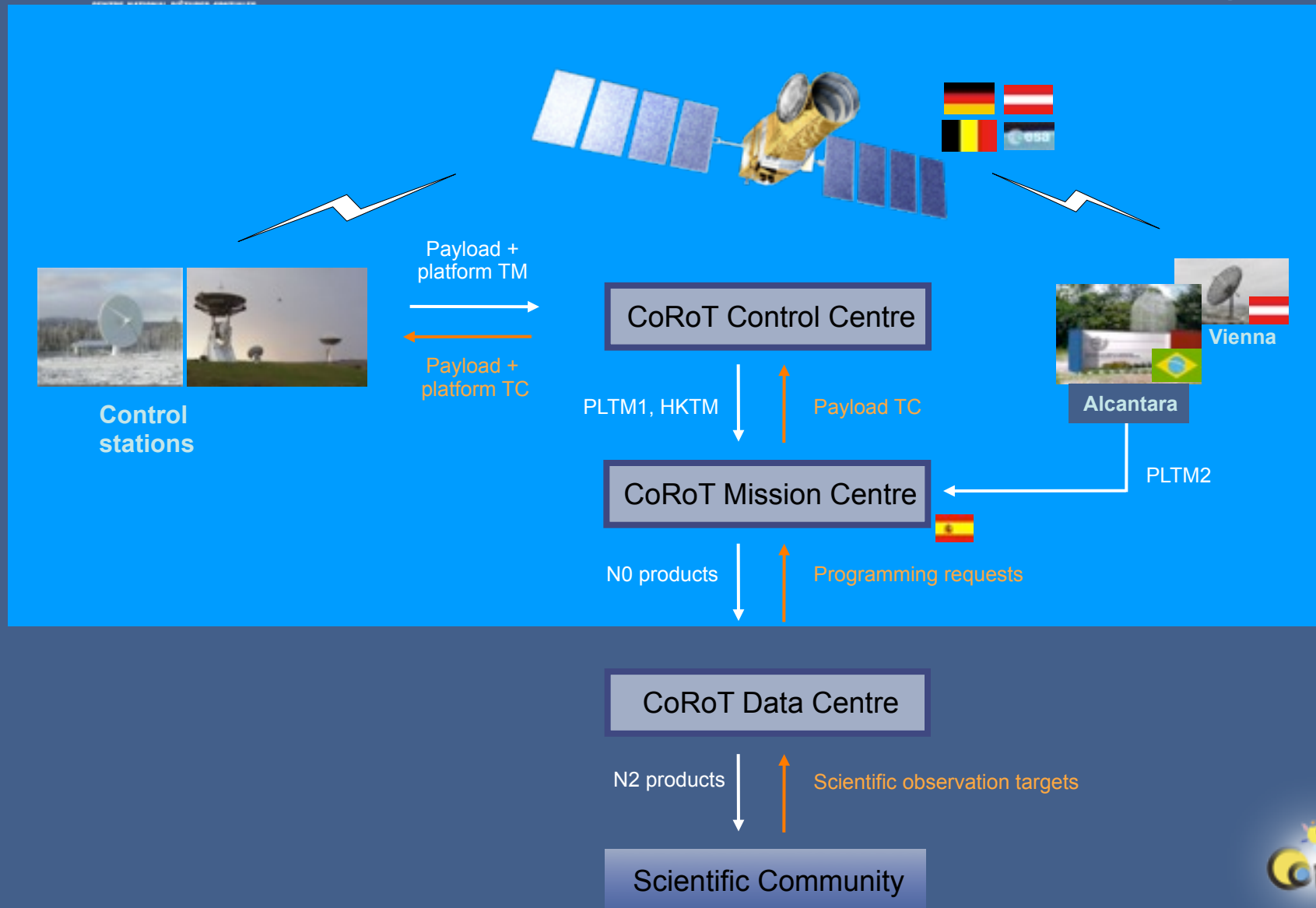


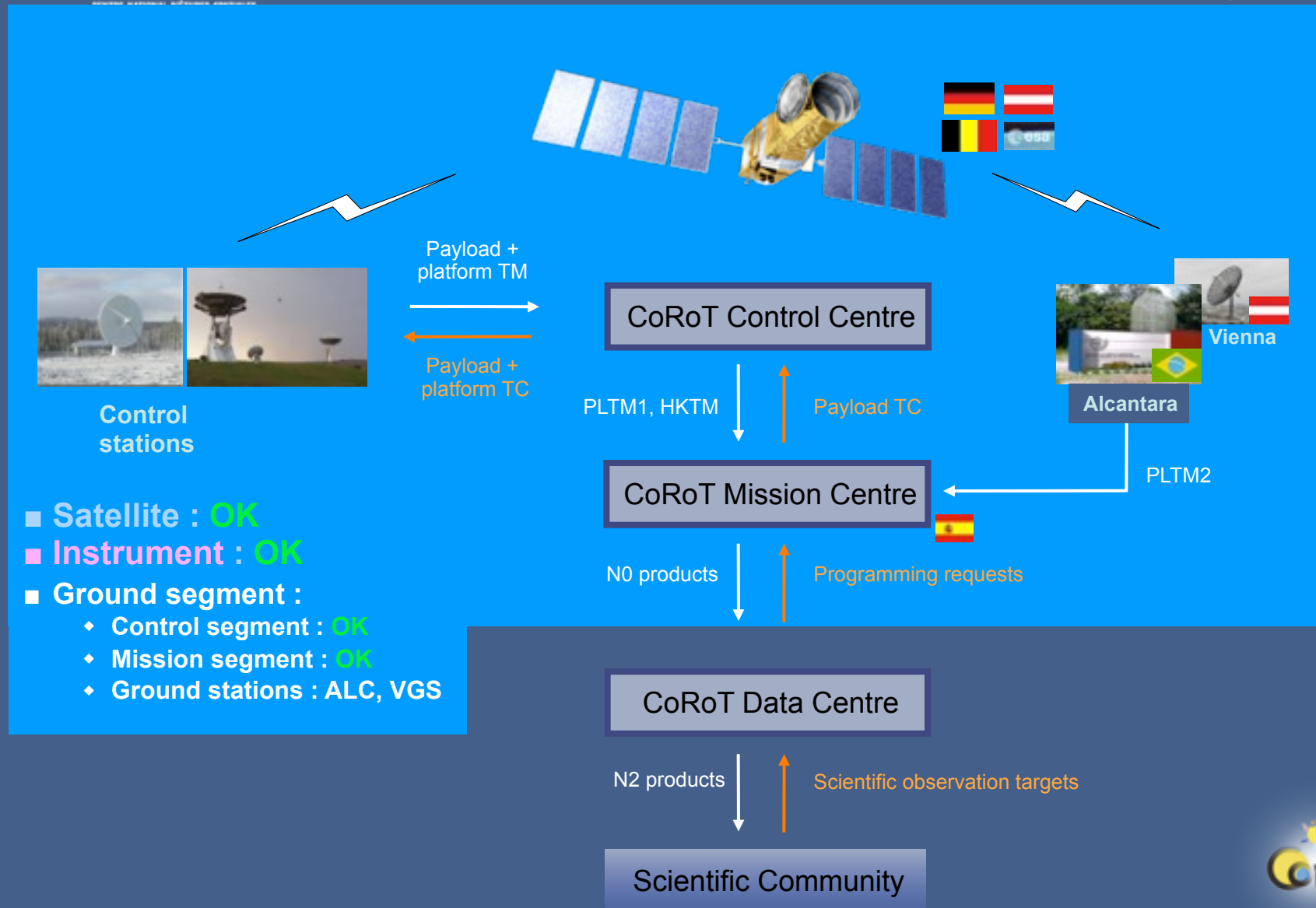
# 42nd Scientific Committee

## CoRoT Mission Status

22 Runs achieved  
1864 days in orbit  
5 years since beg. of 1st Run  
90% of time in observation  
No Safe mode so far







# TU Wien Ground Station Status

- **tests in Vienna with CNES since December 2011**
- **update of FTP server was necessary and is finished**

- **status of tests:**  
**regularly receiving TLEs and booking requests**

**16 booked passes** (2011-12-13 – 2012-01-27, max 1 per day)

**14 successful**                      1 missed for scheduling reasons  
   1 missed because of strong winds

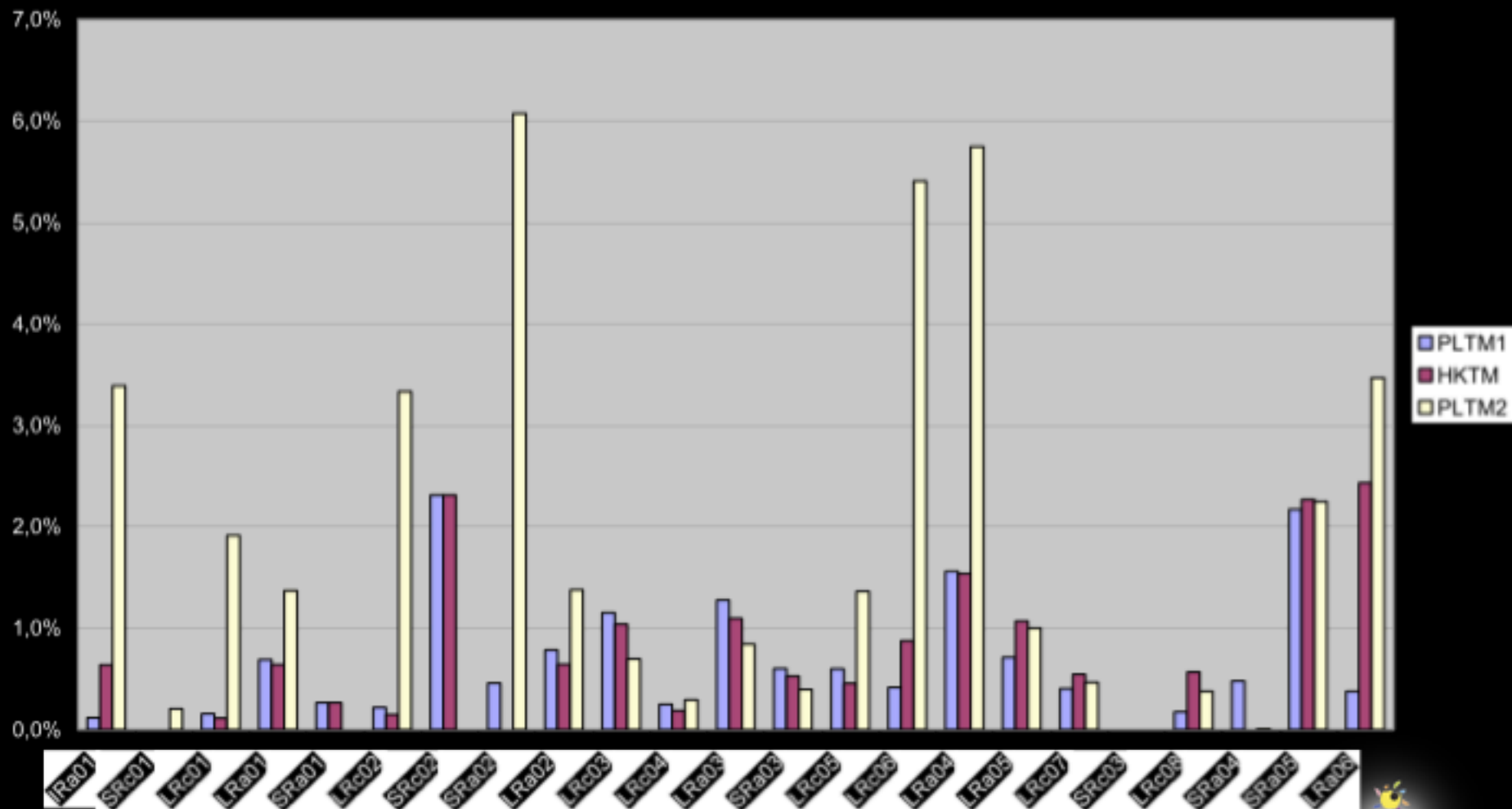
**212min received CoRoT out of possible 217min** (14 passes)

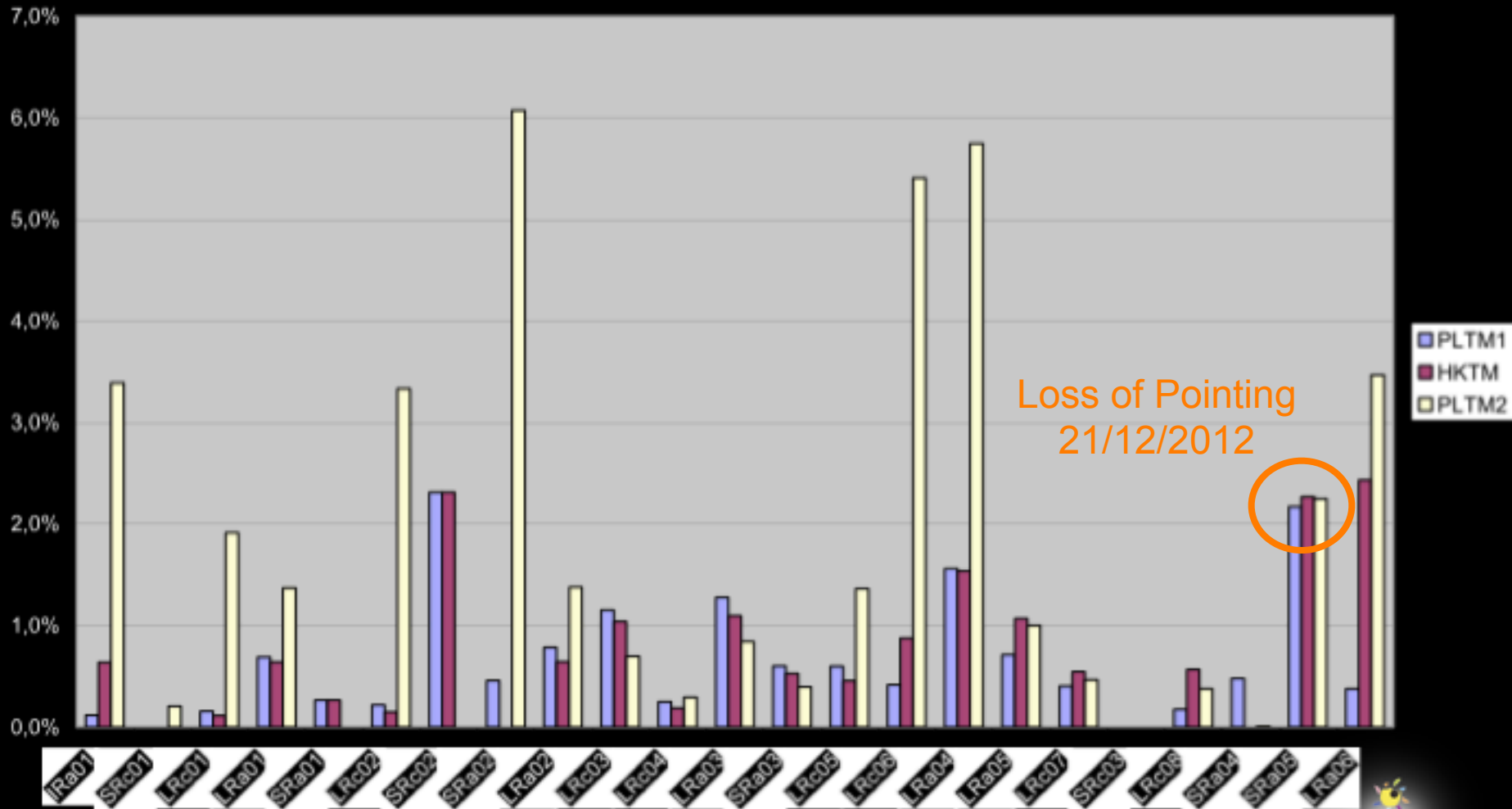
**57.15MB PLTM2 downloaded**



- **currently investigating data transfer issues**
  - ◆ FTP transfer fine
  - ◆ booking of passes fine
  - ◆ PLTM transfer only manually (as of 2012-01-27)
  
- **higher utilization of Vienna agreed on with CNES starting with 2012-02-20**

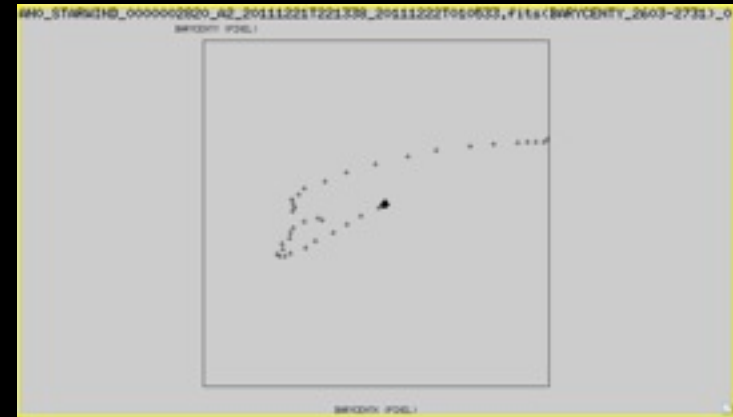
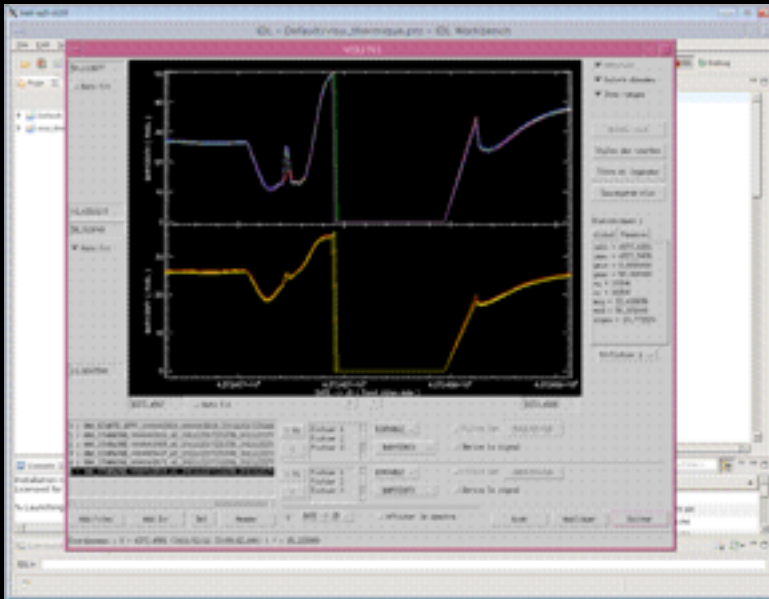




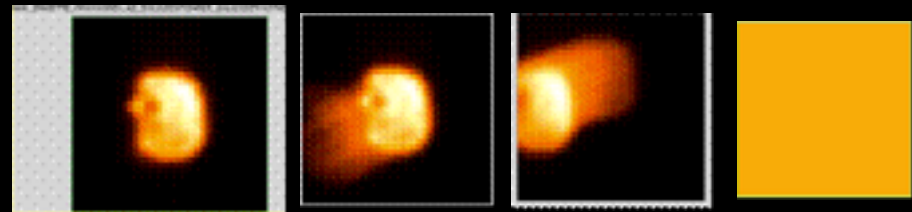
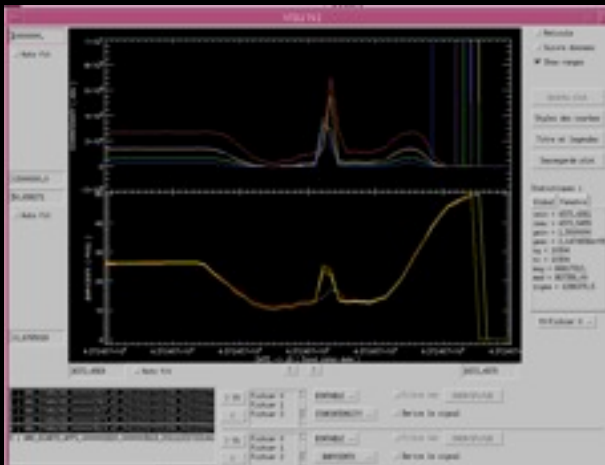




21/12/2012 at 22:58 UT  
Pointing loss



A star position as computed by the instrument

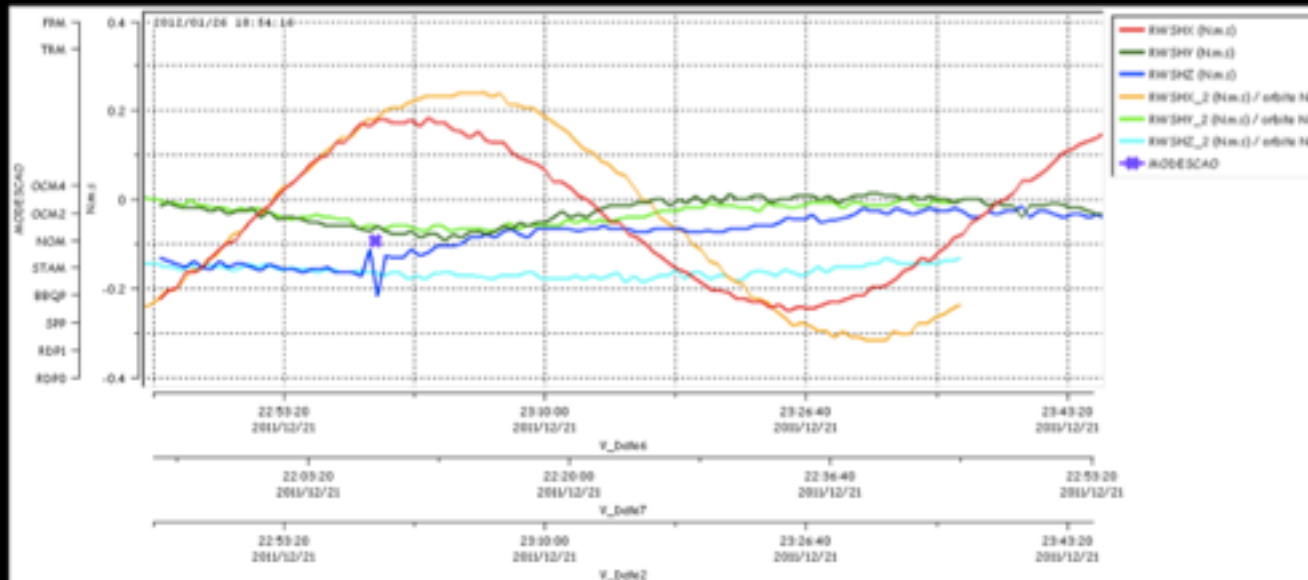


The motion of one star

Measurement of the star intensity



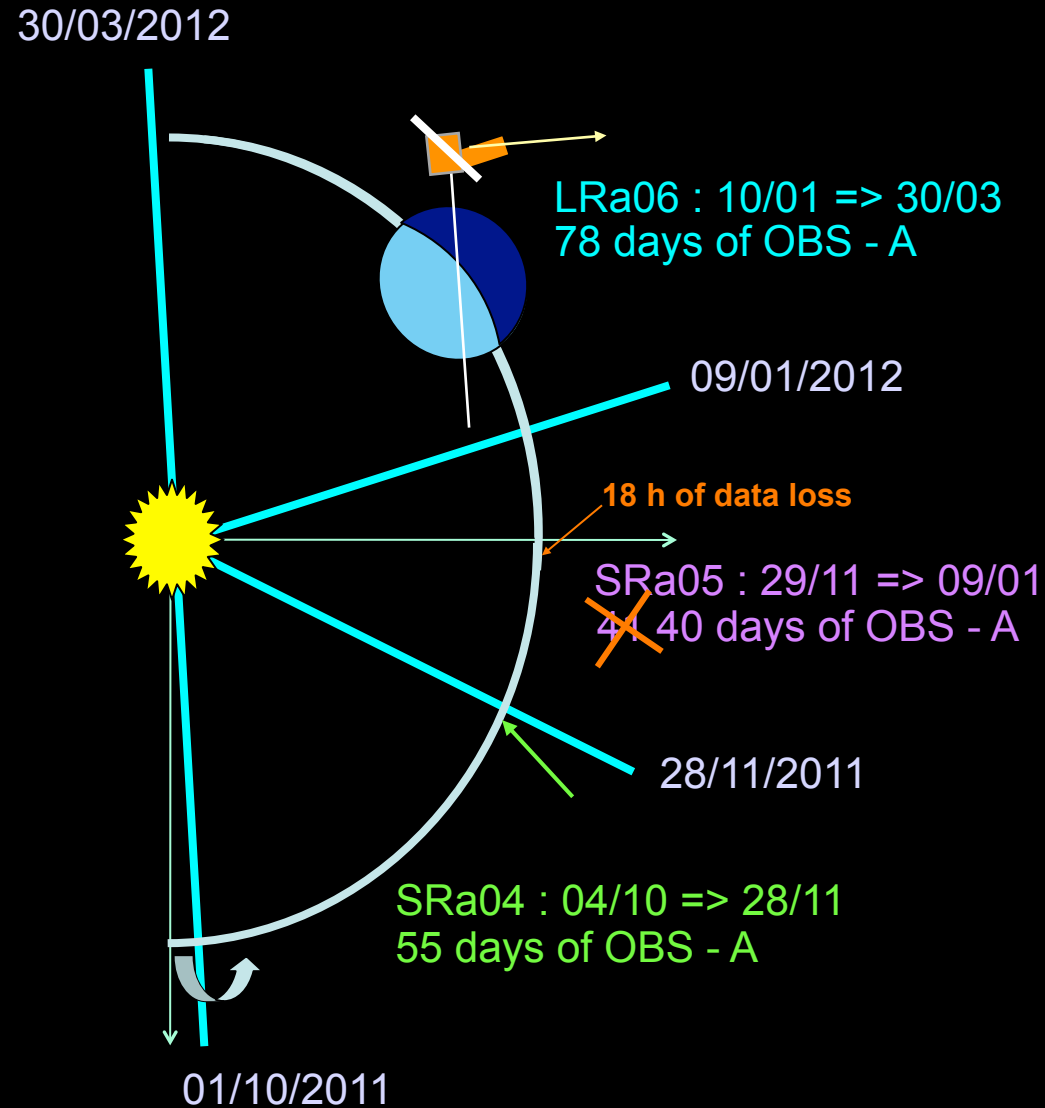
- Operations to restart the observation were planned and performed the day after
- ~18 hours of data loss
- on-going analysis => a debris impact suspected



- + the over lightning => a small group of debris ?



# Observations : Winter 2011-12



## ■ Mission Operations

- ◆ LRc09 in April (2<sup>nd</sup> week)
- ◆ LRc10 in July (1st week) 2012

## ■ N1 Exo Imagettes production to be transfered from LESIA to CNES for next Run

## ■ + The 1st week of April

- ◆ P/F Operations
- ◆ Possibly acquisition of straylight data (fine mode pointing + seismo obs)

## ■ Start of VGS routine downloads : 21st of February

## ■ Preparation of the extension

- ◆ Presentation of the scientific proposal to CNES Astro group the 6th of February
- ◆ The whole project (satellite, instrument, ground segment, risks, organisation and ressources) to be reviewed the 27th of April (REVEX the 26th of April)
- ◆ Steering Committee with partners : after summer 2012

