



## Data delivery

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- Difficulties encountered
- Schedule

CoRoT SC – Oct 2 2008

# Data Deliveries



run	ending	released	version
IRa01	02/04/2007	10/12/2007	1.1
SRc01	09/05/2007	seismo : 17/03/2008 exo : 01/04/2008	1.3
LRc01	15/10/2007	15/02/2008	1.2
LRa01	03/03/2008	seismo : 24/07/2008 exo : 06/10/2008	1.4
SRa01	31/03/2008	sismo : 17/10/2008 exo : 04/09/2008	1.4
LRc02	08/09/2008	Planned 20/01/2009	2.0
SRc02	06/10/08	before 06/04/09	2.0

# Last difficulties



- LRa01
  - N1 production was difficult because of losses of data :
    - 6 losses of data due to antenna problems : oct. 2007 to Jan.2008, 14 mn to 13h54mn.
    - DPU1 breakdown : january 2008 18/01 22:41 to 22/01 11 :16
  - Some of the problems at N1 level were not seen while producing N2 : this will be improved before next delivery
  - Jitter corrections in seismo pipe-line were not quite well implemented
- SRa01
  - N2 seismo production was difficult because of :
    - a mistake in N1 production
    - availability of COROTSKY database at OMP level

# Current state of the pipe-lines



- Light curves from aperture photometry
  - Version 2 of N1 pipe-line is nearly ready (10/10/2008) ; it will include
    - the jitter corrections on both seismo and exo channels
    - White light in exo chromatic light curves
    - STATUS information improvements
- Light curves from imagerettes
  - Exo : algorithm is almost ready ; pipe-line is in progress at LAM
  - Seismo : the pipe-line is almost ready ; better PSF should be produced

# Schedule



- > despite previous announcement, LRc02 will be produced directly in V2
  - available 20/01/2009
  - visual human verification
- automatic validation will arrive end December 2008 ; it will be used on re-processed data : order to be determined :
  - IRa01 : 1,5 month
  - SRc01, SRa01 : 3 weeks
  - LRc01, LRa01 : 2 months

# Schedule for V2 deliveries



Schedule when processing data in chronological order : SRc02 is later than the specification

run	date of delivery
LRc02	20/01/09
IRa01	18/02/09
LRc01	25/03/09
LRa01	15/04/09
SRa01	29/04/09
SRc01	07/05/09
SRc02	14/05/09
SRa02	28/05/09
LRa02	30/06/09

A proposal where SRc02 is delivered within specifications

run	date of delivery
LRc02	20/01/09
IRa01	18/02/09
LRc01	25/03/09
LRa01	06/05/09
SRa01	20/05/09
SRc01	28/05/09
SRc02	01/04/09
SRa02	15/04/09
LRa02	30/06/09

## V2 deliveries with priority on LRs and IR



run	type of processing	date of delivery
LRc02	1st processing	20/01/09
IRa01	reprocessing	18/02/09
LRc01	reprocessing	25/03/09
LRa01	reprocessing	15/04/09
SRa01	reprocessing	29/04/09
½ LRa02	1st processing	20/05/09
SRc02	1st processing	28/05/09
SRa02	1st processing	2/06/09
SRc01	reprocessing	9/06/09
LRa02	1st processing	30/06/09