CDC Review final report

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1-Documentation

Lack of internal and external documentations

- to maintain the pipelines
- to help users make the most out of the various data products

- Improve documentation availability through the Corot archive

2- Corrections

- Improve the knowledge of instrumental effects and statistical processes at play

- Focus on correcting effects that can only be easily understood by the project team

- Define precisely the limit of N2 corrections, then freeze N2 data

3- Expertise and users

- Need for decisions by experts and users on
  - checking & updating FITS headers
  - using same repository for data (Archive) and metadata (Exodat)
  - informing users about data & metadata updates
  - using same *status* flags for ≠ products (exo & seismo)
  - revising *status* flag definitions (separate technical and scientific aspects)
  - providing user-friendly *status* flag decoding procedures
  - the interpolation procedure for HELREG data in the SAA (make a comparison with simpler techniques and write documentation)
  - introducing HELREG data in exo products

- Organise a Users meeting?

4- Archives

- Local backups of Corot data at LAEX, CDS & NStED
- Long term archive (data, metadata, algorithms & documentation): start now the debate
- Analogous to other archives like ISO, Planck, Herschel → include Cnes in the debate
- Back-up without access at Cnes
- Merging of Exodat and the archive
- Archive one full image per CCD

5- Project visibility

- Corot data portals should have all the partners' logos
- Link Corot Cnes website and Corot pub to the archive
- Corotpub « public access » does not give a real image of the published papers
- Improve the knowledge of the use of the data