



LEGOS/CLS Analysis Center (LCA)

Status and Plans

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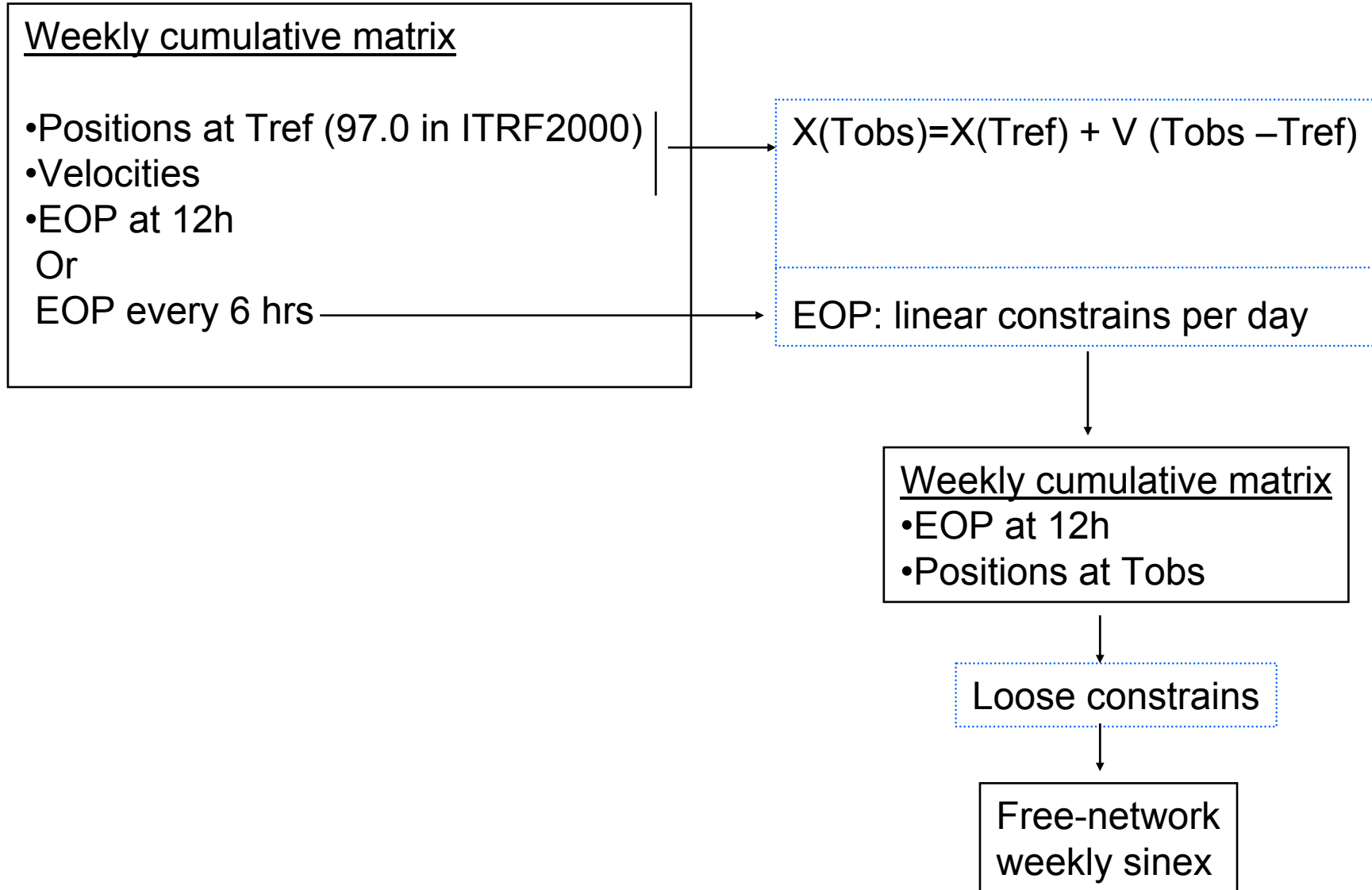
Status

Software: GINS version 4.1 with patch correction of Envisat's attitude

DORIS data processed for IDS and GRGS/CRC (Combination Research Center for IERS)

Current processing chain laid out for a monthly computation of 3.5-day arcs i.e processing is performed when a whole month of data is available.

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Sinex series delivered to IDS:

- lcawd12 (> jan.05) (with constrains: coordinates 10m, EOP 10 mas)
- lcawd13 (> sep.05) (coord. 10m, EOP 10 mas; new EOP strategy)

Delivered to Z. Altamimi (ITRF2005):

- Complement lcawd12 for 2005

New EOP strategy:

- lcawd14 (coordinates 10m, EOP 500 mas)
- lcawd15 (1993-2005) (coordinates 10m, EOP none)

Complement lcawd12 and series lcawd14 will be put on CDDIS

Plans for 2006

- Modify the chain for a weekly processing
- Continue automatisation of the chain
- Towards a «weekly » routine processing (with H. Capdeville)

To plan:

develop parts for projected weekly sinex in ITRF, and extraction of eop and geocenter series

Other issues:

Scale bias: apply new estimated phase center vectors? drift: Envisat ?

Jason SAA model: start DORIS/Jason routine processing using SAA model?

Other products:

Orbits ? Start to produce sp1 per arc for 2005