The joined CNES and CLS space geodesy teams have submitted in April 2007 their candidacy to become an Analysis Centre of the International GNSS Service (IGS). We process on a routine basis GPS data from a worldwide network of 120 IGS permanent stations. Our solutions are being submitted to the International Earth Rotation Service (IERS) since January 2004 and to the IGS since September 2007.

We use the CNES/GRGS GINS POD software to generate the following products:
- GPS constellation orbit and clock "final" products (900 s sampling)
- 30 s sampling clocks
- SINEX solutions including station coordinates and EOPs
- SVN35 and 36 Satellite Laser Ranging (SLR) residuals

Their evaluation by the IGS Analysis Center Coordinator indicates that:
- Orbit consistency is at the level of 3.2 cm WRMS 3D but still needs to be improved
- A systematic scale factor of 1 ppb exists between the GRGS GPS orbit solution and the IGS final solution
- Station coordinates and EOP solutions are at the level of the other Analysis Centers

Future plans include:
- zero-difference GPS phase ambiguity fixing
- GLONASS data processing

More details on our processing strategy are given on our web site: www.igsac-cnes.cls.fr

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