

3.5.6.7 Special Bureau for Gravity/Geocenter

Web site A redesign and upgrade of the SBGG website, conforming to new NASA look and feel standards for websites, has been completed and populated with new links and data sets.

Staff Thomas Gruber agreed to become “Co-Chair” of the SBGG. He will also help to define a role (if any) between GOCE and SBGG for support. We note that this issue also spans the many of the GGFC SBs, which could provide ancillary data for offline analyses as well as operational dealiasing products. No definitive plans worked yet.

New Data available

- GRACE data (PODAAC)
- CHAMP data (ISDC)
- UTCSR SLR gravity and geocenter
- Nevada/Reno GPS load-derived low degree harmonics
- JPL GPS Geocenter time series

All suppliers asked to provide meta-data no worse than “read me” file.

Other documents created The following documents will be available through the SBGG webpage:

- Text user guides developed for important GRACE gravity harmonic time series by affiliates of SBGG (Watkins for JPL, Bettadpur representing UTCSR, Flechtner for GFZ)
- Processing standards for GRACE
- User Guide to Gravity Products for GRACE
- Dealiasing Description (spans interest of several SBs)

These data descriptions and guides may form the basis for more general documents on harmonic products from SLR/GRACE/CHAMP/etc.

Plans for 2004 In the upcoming year, we need to promote intercomparison of products and assist validation of CHAMP and GRACE. We may also help sponsor a special campaign to compare low degree GPS load results with low degree GRACE harmonics.

Finally, we would like to begin electronic library of related papers/links.

Michael M. Watkins