7th Workshop of the Stable North America Working Group (SNARF)

FINDINGS/ACTIONS

- Establish “Regional Users Group” (RUG) tasked with developing a user's guide to SNARF and making recommendations on how products can be more user friendly:
  - Not clear to users how to implement SNARF
    - just finding the Euler vector is not easy. Should be on of the highlights!
    - explicit formulas should be given to use rotation x, y, z (Euler vector components)
    - what about translation?
    - Should SNARF GPS velocity vectors be used, or SNARF model interpolated to site?
  - Regional users at meeting: Kreemer, Bennett, Santillan, Freymueller, Owen, Fang
  - Also Chair should ask representatives of other networks, including:
    - Jessica Murray
    - Bob Smith
    - Bob Smalley
    - Tony Lowry
    - Herb Dragert
    - John Oldow
  - RUG to work with Tom Herring as the products expert to develop products/users guide
  - Subset of RUG agree to by guinea pigs to test users guide
  - Also create software-specific products for GIPSY, GAMIT
    - e.g., xfiles for GIPSY to transform daily stacov files directly into SNARF
    - e.g.: Owen for GIPSY, Fang for GAMIT, Craymer for Bernese

- Work with UNAVCO to get better placement of link to SNARF on top page of unavco.org

- Work with UNAVCO to get a working area for SNARF on web page (“wiki”).
  - Upload metadata on stations, processing etc.
  - e.g., time of breaks in time series
  - postfit residuals
  - time series statistics (rms etc.)
  - “bad” stations – categorize (e.g., poor monumentation, bad residuals, etc...)
  - work toward standardized formats for machine-readable metadata to assist SNARF analysis

- Need clear version control. Tom and Jim?

- Future meetings:
  - Need a meeting this summer to assess SNARF 2.0
    - Jeff Freymueller offers Alaska
    - scheduling conflicts with IUGG meeting June/July
    - Explore this with the group, and also look into alternatives
  - To wrap up this phase of project (and grant), Fall AGU special session + hotel meeting to follow.