

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.