

8th Workshop of the Stable North America Reference Frame (SNARF) Working Group

Tuesday 11 December 2007, 12 pm – 3:30 pm
(room available at 11:15 am for buffet lunch)

Westin Market Street (formerly the Argent), 50 Third Street, San Francisco

ATTENDEES

G. Blewitt (chair)
D. Argus
E. Calais
M. Craymer
P. Fang
J. Freymueller
J. Gonzalez-Garcia
W. Hammond
T. Herring
E. Hill
C. Kreemer
K. Larson
S. Owen
C. Pearson
H.-P. Plag
M. Santillan
G. Sella
M. Tamisiea

AGENDA

11:15 – 12:00 *Informal reception with buffet lunch*

12:00 Blewitt: Welcome. Approval of the agenda. Chair's comments

12:10 T. Herring: Construction and application of the Stable North America Reference Frame

12:40 M. Craymer: NAREF & CBN velocity fields for a new version of SNARF

13:10 G. Sella: (1) The CORS network and improved understanding of the motion of stable North America, (2) monumentation issues, (3) NGS analysis approach, (4) how SNARF fits NGS operational needs.

13:40 C. Pearson: (1) HTDP: A tool to partially correct survey data for tectonic motion, (2) Needs and issues regarding the including of SNARF as an option for HTDP (14-parameter transformation from ITRF2005, “official SNARF” in refereed publication, etc.).

13:55 E. Hill: Investigating site-dependent GPS errors and monument stability using a short-based network of braced monuments

14:05 E. Calais: A velocity field for the North American Plate interior

14:15 D. Argus: The translation and rotation with which to define the North American Plate

14:25 G. Blewitt: (1) Mega-network GPS solutions: Producing a consistent, global-scale and high-resolution view of plate tectonic stability, rotation, and deformation (2) Reference Frame Issues and Approach to SNARF Realization

14:45 C. Kreemer: Finding and defining the edges of Stable North America: Reference frame effects versus real tectonics

14:55 J. Freymueller: Uncertainty in the motion of the North American plate and its impact

15:10 P. Fang: SOPAC reanalysis for SNARF and web-based analysis tools

15:20 M. Tamisiea: Empirically-derived estimates of glacial isostatic adjustment

15:30 H. Plag: Effect of surface loading on reference frame realization

15:40 Discussion: Future of the SNARF Working Group and future meetings

16:00 ADJOURN