**Best Practices for Real Time GNSS Network Administration**
Thursday, March 20, 2014
1 pm to 4 pm Eastern Time
*Webinar only*

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**Agenda**

1:00 - 1:10     **Introductory Remarks** - *J. Blackwell / N. Weston*

1:10 - 1:20     **Recap of July 31, 2013 RTN Webinar and highlights of Q&A from same**
        *(see http://www.ngs.noaa.gov/corbin/class_description/RTN_Questions_log_v2.pdf)*

1:20 - 1:30     **Review of RTN Methodologies & Best Practices** - *N. Weston*

1:30 - 1:50     **RTCM Update** – *K. Ferguson – Special Committee104 (SC-104) Chair*

1:50 - 2:30     **RTN Operations** -- Users' and Operators' Perspective
- *G. Thompson – NC Geodetic Survey - Maintenance of a CORS/RTN Infrastructure*
- *M. Wellslager – SC Geodetic Survey - SC RTN and Security Issues with Ref. Stations & Local Networks*
- *B. Bornman – Keynet GPS - Positioning the Network*

2:30 – 2:40     **Break**

2:40 – 3:00     **Key Considerations and Concerns When Using OPUS Projects to Position RTN Active Stations**– *M. Armstrong*
- *controlling a-priori coordinates*
- *dealing with the 99 mark + CORS limitation*
- *how many CORS is enough to adequately control the network*
- *the MON vs. ARP height issue for CORS that are just active RTN stations*
- *reviewing network adjustment reports in OPUS Projects*

3:00 – 3:15     **RTN use at Scripps Institution of Oceanography**– *Y. Bock*
- *Real-time Integration of geodetic (GPS/GNSS) and seismic data*
- *Mitigation of natural hazards (geologic and atmospheric) with geodetic methods*
- *Update on California Real Time Network*

3:15 - 3:35     **Plan for comparing GPS only & GPS/GLONASS** – *K. Bays*
- *Little literature on the subject*
- *Collaboration plan beginning with Oregon State University*

3:40 - 3:55     **Open Discussion**

- *Panel discussion of the day's topics with the attendees*
- *How can NGS further help RTN administrators*

3:55 – 4:00      **Webinar Summary and Future Actions Forward** – *N. Weston*