

### **BKG NTRIP Client**

#### **Demonstration**

James Perlt

Federal Agency for Cartography and Geodesy



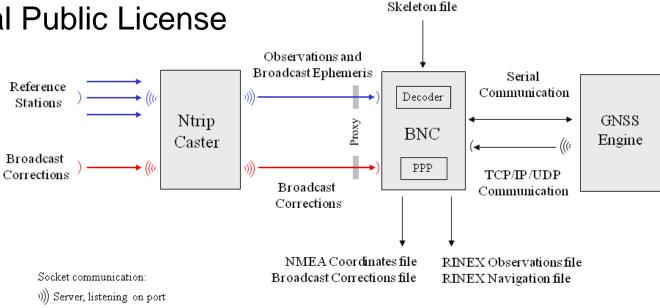
#### **BKG Ntrip Client** Concept

RINEX Header

- Retrieving, decoding and converting real-time GNSS data streams
- Multiple streams in different formats from different casters, simultaneously

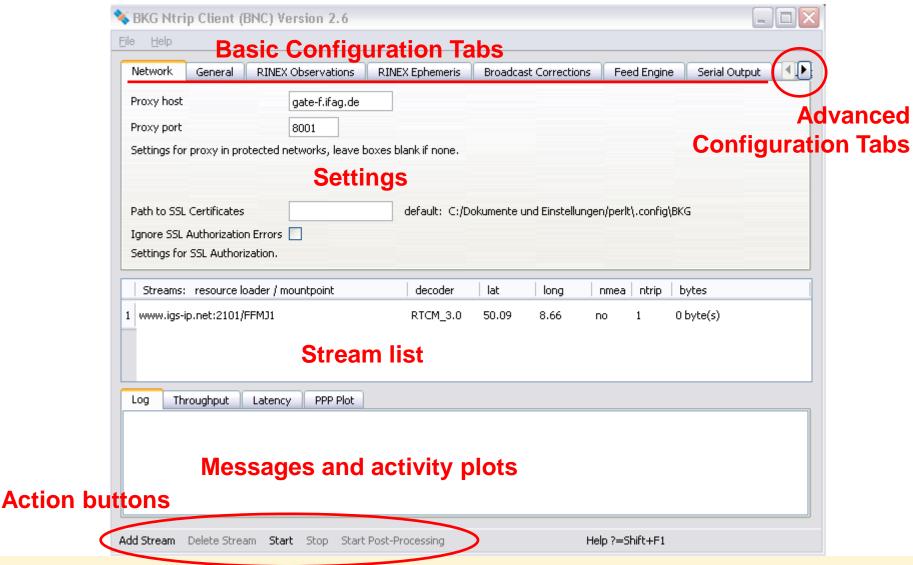
Client, talking to server's host and port

- Windows/Linux/Solaris/Mac
- **GNU General Public License**





## BNC Main menu





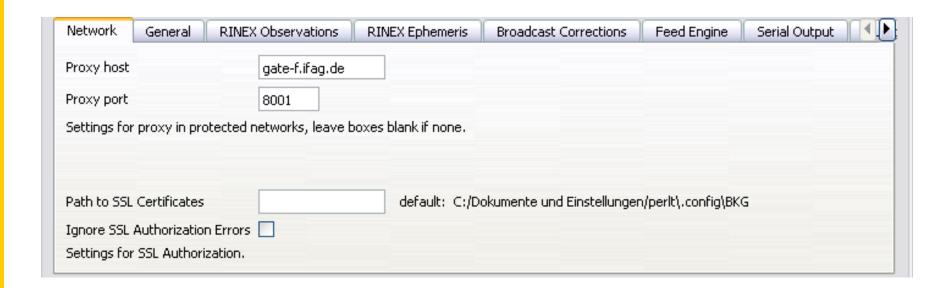
## BNC Settings and Help (Configuration)

- Settings will be stored in an ASCII file, experts edit the file manually
- Run BNC in batch/background mode without graphical interface, the previously saved configuration file is used
- Complete manual available via Help menu
- "What's this ?"-help function



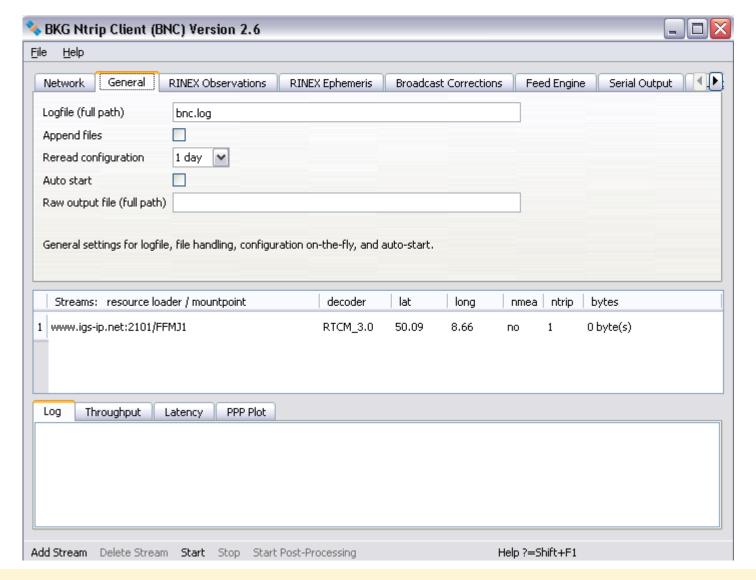
### **BNC Settings Network**

- Configuration of proxy host and port
- Handling of secure connections and SSL Certificates



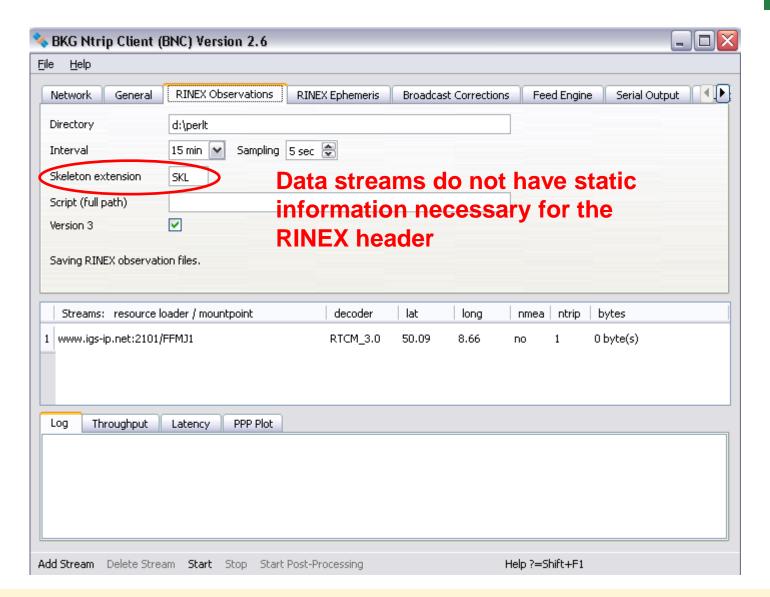


#### BNC Settings General



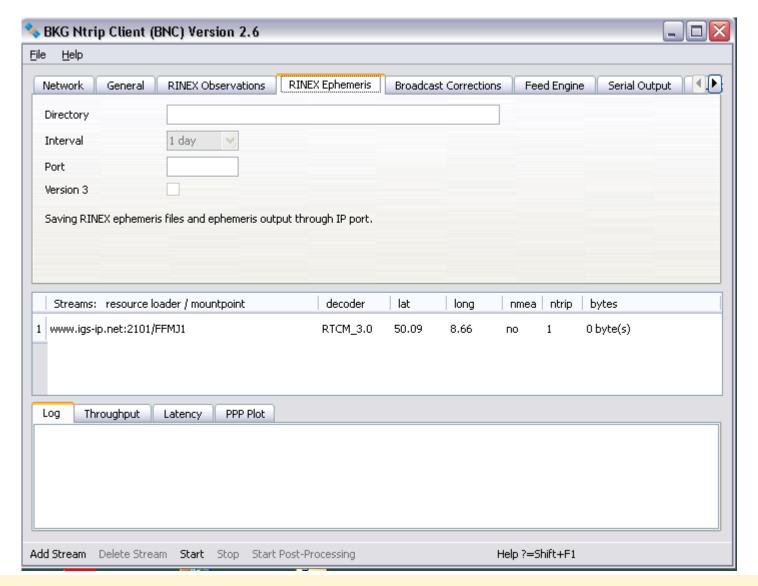


### BNC Settings RINEX Observations





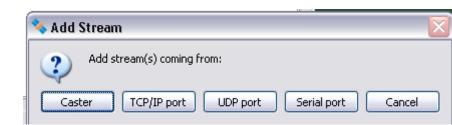
## **BNC Settings RINEX Ephemeris**





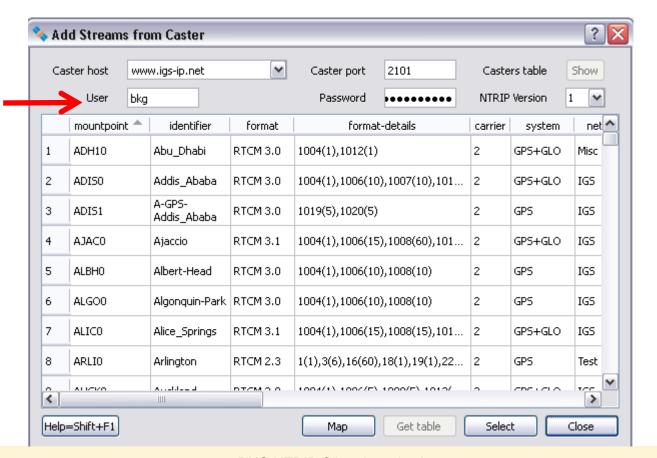
### BNC Stream selection

- Different sources
- Caster, ports, serial port



9

Registration necessary for user and password





# BNC log information

- Log information displayed (and saved)
- Graphics for latency and throughput
- Stream information

