



➤ EUREF-IP

- **Starting in 2002**
- **Meanwhile, about 88 of the EPN stations with real-time data streaming capability**
- **Decision to close the EUREF-IP Pilot Project at the 45th TWG in November 2007**
- **Real-time data streaming within the EPN on a routine basis now**

2
5
6
7
8
9
10
13
14
15
16
19
20
21
22
23
24

r
lo
lo
lo
es
lo
lo
es
lo
lo
es
lo
lo
es
es



- **Options for next real-time activities**
 - **Setup of a new Special Project**
 - Needs charter, ToR, CfP, description (web)?
 - Expects input from the EUREF community
 - **No setup of a new Special Project**
 - New elements in the “Products” instead?
 - Currently no products exist



- **Proposal for next real-time activities**
 - **Setup of a new Special Project**
 - **Proposed names**
 - „Real-time analysis“
 - „Enhancement of real-time data streams“
 - **Goals**
 - **Come up with new EPN products**
 - **Extend existing products**
 - ...

➤ **Proposal for next real-time activities**

- **Topics**

- **Analysis**

- **Derivation of GPS+GLONASS clock corrections for Europe**

- **Precise Point Positioning**

- **Troposphere parameters, ionosphere**

- **Dissemination**

- **Streaming of orbit and clock corrections**

- **Standardization issues, e.g., inclusion of transformation parameters in RTCM 3.x**

- **Other issues**

- **Certification of coordinates**

- **Use of high-rate files within NRT applications**

- ...



➤ **Current real-time activities**

- **Talk by G. Weber at 46th TWG (March 2008) presenting orbit and clock correction and dissemination concept**
- **Action Item on the presentation of a detailed document about the enhancement of real-time activities at the next (this) TWG**

➤ Proposal for next real-time activities

- **Schedule**
 - **General announcement tomorrow at the symposium**
 - **Circulation of draft document among TWG members July-August**
 - **Implementation on the EPN website early September**
 - **Announcement via EUREF mail mid September**
- **Alternative: wait for full document (decision at the next 48th TWG (Nov 08))**