

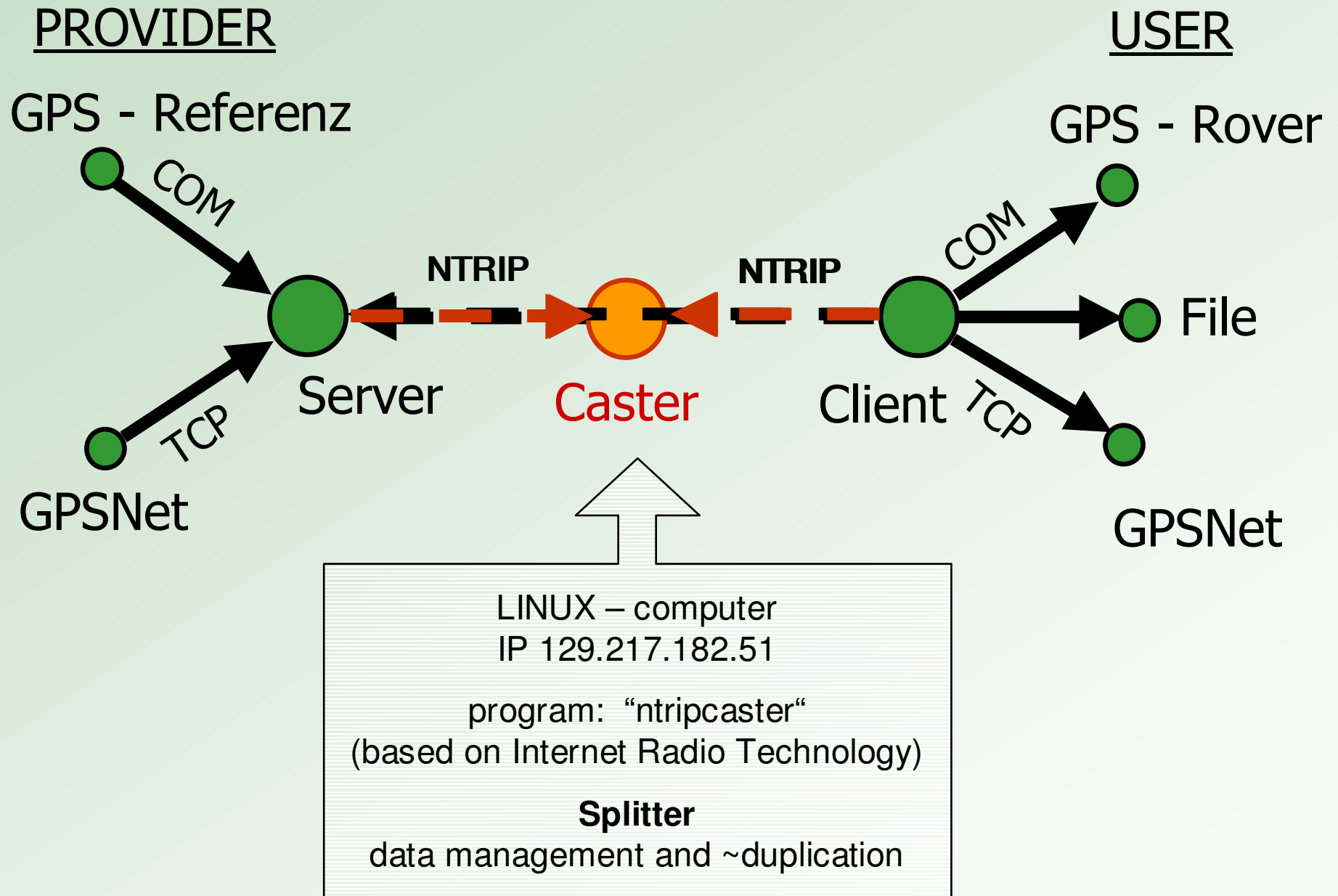
DGNSS via Internet and mobile networks: The EUREF Ntrip-Broadcaster

- the Ntrip-Broadcaster concept
- the data streams
- availability
- access to Ntrip data streams

Georg Weber & Denise Dettmering (BKG)

EUREF TWG Meeting, 10./11.11.2003

Ntrip Broadcaster concept



Broadcasting network

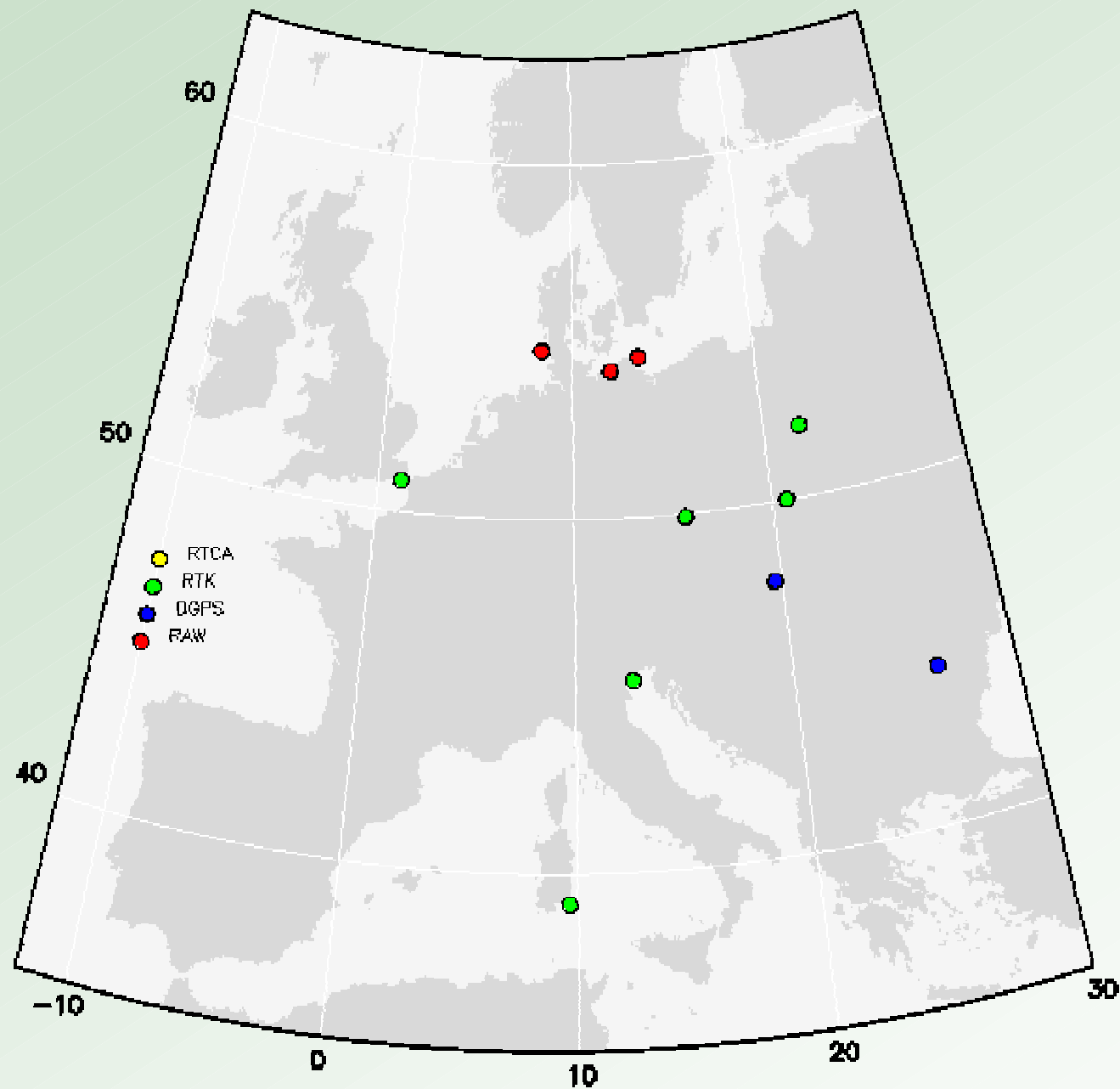


single Broadcaster
"EUREF"

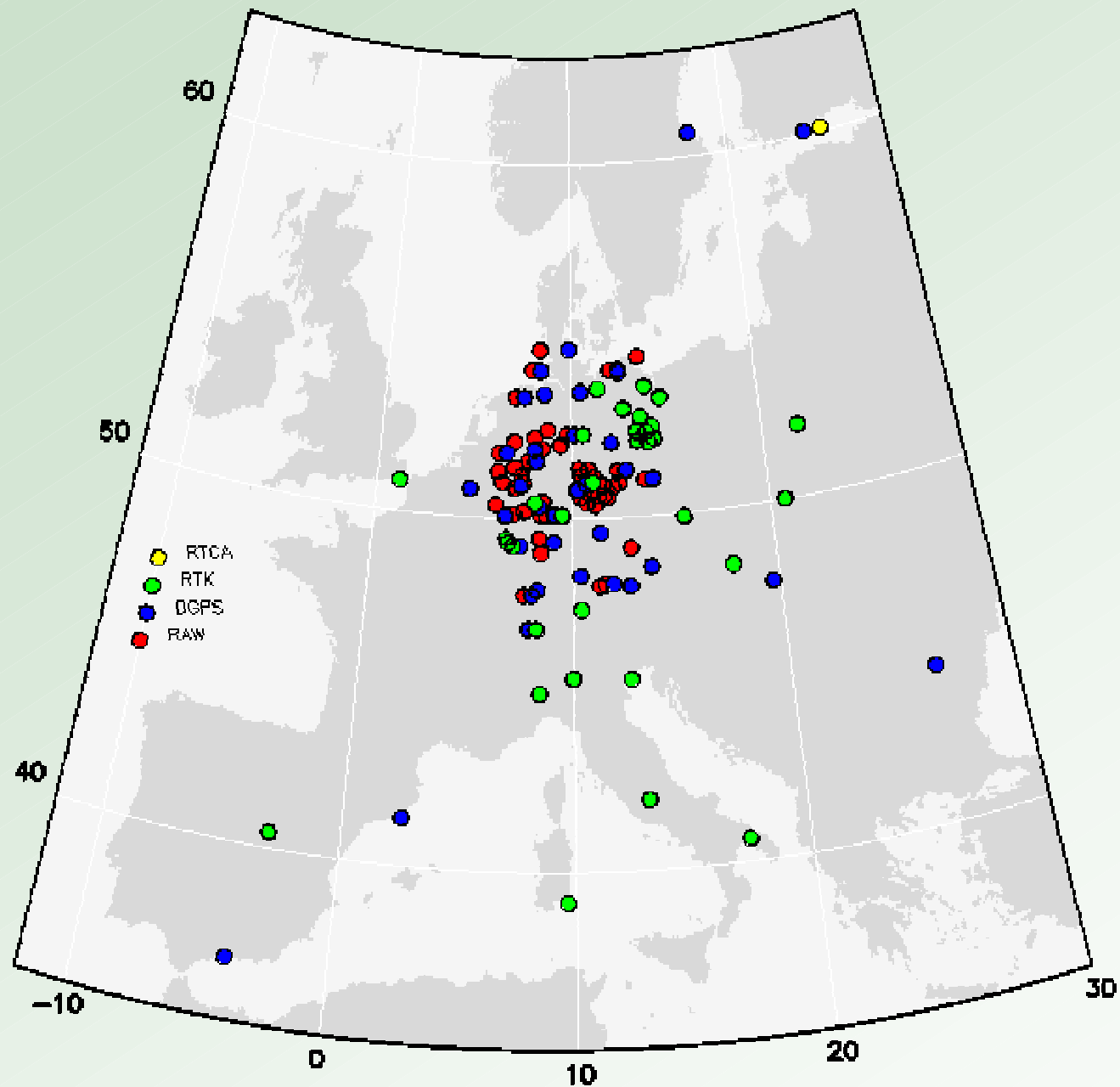


Broadcasting network
Distributing the workload

Available data streams – EUREF

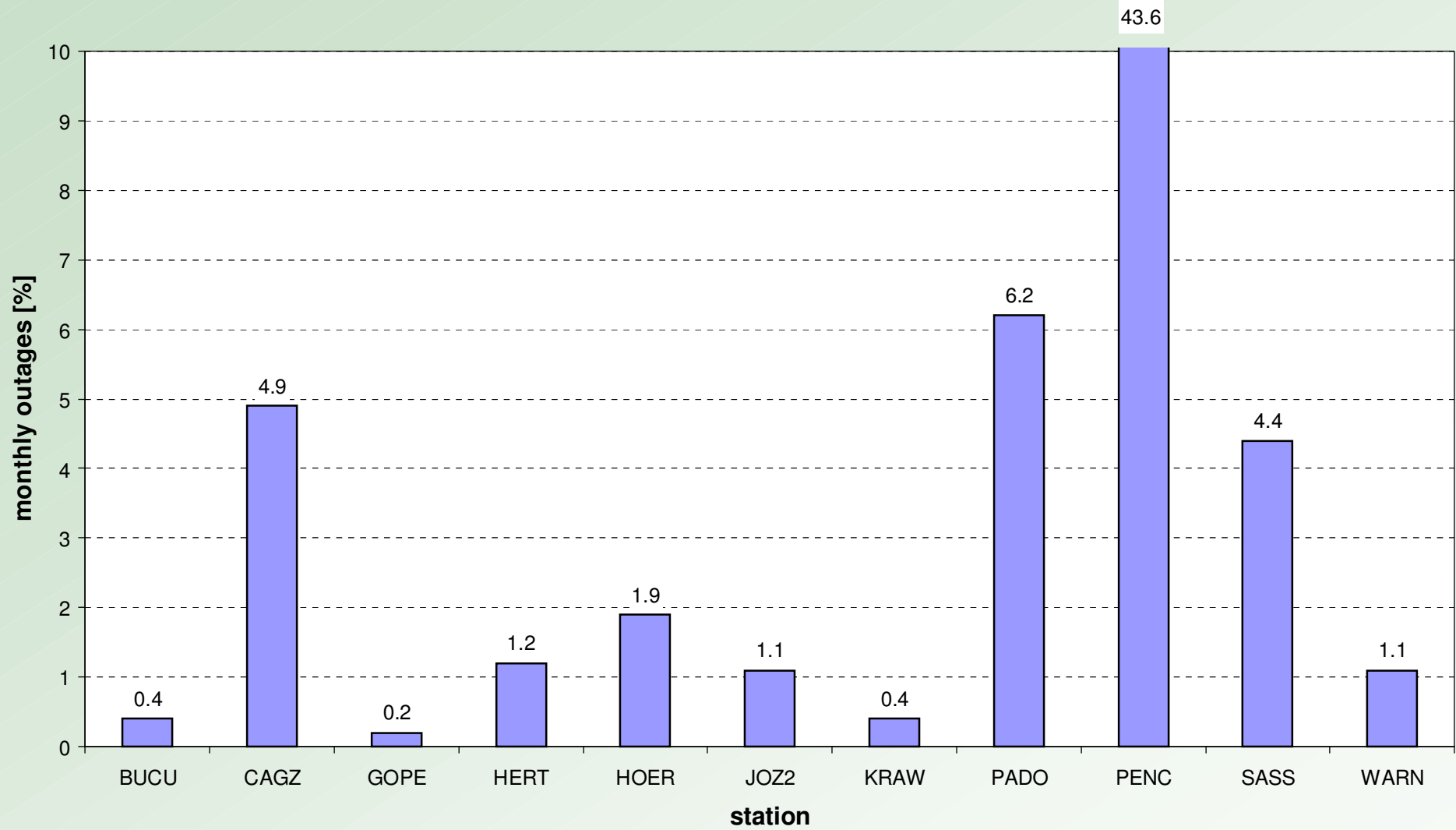


Available data streams – Europe



availability – statistics

monthly outages statistic 0310 of ntrip euref-ip broadcaster streams



Conclusions

- Streaming Differential GPS corrections over Internet and cellular phone networks is feasible
- No significant lack of performance compared to usage of other transportation media
- Lots of potential for mass-usage
- Trial Service within framework of EUREF-IP



WWW Information:

EUREF IP: http://www.epncb.oma.be/euref_IP

Ntrip: http://igs.ifag.de/index_ntrip.htm

Download: http://igs.ifag.de/ntrip_down.htm