

Press Release from Allsat GmbH network+services

GART-2000® : GNSS corrections via Internet

Hannover, 28th July 2003 – Additional to the media GSM and radio GART-2000® now can process GNSS corrections via Internet. Thus the user can access GNSS reference station network corrections for mobile solutions through the Internet and combine it with so-called webGIS solutions.

The communication is based upon the protocol called NTRIP, which was developed by the German "Bundesamt für Kartographie und Geodäsie (BKG)" especially for transmission of GNSS-corrections via the Internet. In GART-2000® the IP-address of a NTRIP-Server, which provides the GNSS-corrections, needs to be entered. Over an open Internet connection the data is transmitted to the GPS Rover.

One advantage of the usage of GNSS corrections via the Internet is the packet-based transmission of the data. As the GPRS service accounts for the data volume it can reduce the cost for DGPS corrections significantly. Also next generation of mobile data transmission with UMTS is already possible. One other main advantage is that other Internet services can be used in parallel.

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