

General Conditions Network Services 06-GPS

- 1. Service description. 06-GPS provides both correction data and raw data for precise positioning with satellites by means of a network of permanent GNSS reference stations. GNSS stands for 'Global Navigation Satellite Systems': GPS, GLONASS, GALILEO and BEIDOU. Customers of 06-GPS can, with the correct equipment and after registration at 06-GPS, use the standardised correction data or raw data to perform real-time or post-processed positioning in the European ETRS89 system in the entire Netherlands. These coordinates can be transformed to local RD-coordinates and NAP-heights using the procedure RDNAPTRANS2018. The coordinates of the reference stations are certified by the Dutch 'Kadaster' and 'Rijkswaterstaat' (together RDNAP). Use of 06-GPS is possible in two ways. For post-processing applications (mm-accuracy), raw phase and code observations in RINEX-format are supplied. For real time measurements the so-called RTK-corrections are available in RTCM format. These RTCM-corrections can only be received using (mobile) internet (e.g. 2G, 3G, 4G, 5G) using the NTRIP protocol.
- 2. Advice and information. Employees of 06-GPS can advice users of the 06-GPS network about the use, applications and technical conditions of the system. For specific, manufacturer depended information concerning GNSS-devices one is referred to the concerning supplier.
- 3. Scope of the service. Customers of 06-GPS can request RINEX-data by e-mail or using the Web server. These data will be supplied per file, and are available in intervals of 1, 5, 10, 15 and 30 seconds. The RINEX data will be available at least for one month after acquisition for all Dutch stations. Data of German stations can be requested at the SAPOS-agency of the concerning state. Data of Belgian stations can be obtained at FLEPOS in Flanders or WALCORS in Wallonia.

The RTCM-corrections for real time applications can be obtained after registration at 06-GPS. The user has to, in case of Internet (NTRIP), use the user-ID's and passwords provided to him or her. For real time RTCM-corrections, per GNSS-receiver a subscription is needed.

- 4. Passing on to third parties. The customer obliges himself to use the provided data, user-ID's and passwords exclusively for internal use and not for giving or selling it to third parties.
- 5. Prices. The prices for the RINEX data have been defined per data-file of a complete hour. A subscription per month or year for unlimited download is also available. The prices for RTCM corrections are either based on a fixed subscription fee or a variable fee (per connection minute). Data costs of the mobile internet provider are not included in the costs of the connection minutes. Users receive a monthly invoice except for yearly subscriptions. All prices can be found in the separately provided Price List Network Services 06-GPS and will be valid to the end of the mentioned calendar year. All prices are excluding VAT. Subscription costs will be invoiced beforehand. All invoices have a payment term of 14 days.
- 6. Non fulfilment. If the customer does not, not in time or not decently fulfil his or her obligations concerning the use of the 06-GPS reference network, the customer has been oversight by law. Then, 06-GPS is entitled to refuse access of the customer to the system immediately. However, 06-GPS is allowed to give the customer a term to restore his oversight, before access to the network will be denied. During withholding, the obligations of the customer towards 06-GPS remain unchanged.
- 7. Liability. As provider of the first nation wide operational network of active GNSS reference stations, 06-GPS ensures the optimum quality and continuity of its service according to the latest techniques. Thereby 06-GPS ensures that malfunctioning of a GNSS reference station or disturbance in the communication lines will be solved as soon as possible. Liability of 06-GPS concerning malfunctioning of a reference station or disturbance in the communication cannot be accepted, with exception of intention, extraordinary guilt or negligence. The user cannot hold 06-GPS responsible for damage as a result of malfunctioning of the system or not receiving the correction data. 06-GPS emphasises that, in spite of the continuous monitoring and care, a beforehand determined quality of the correction data cannot be guaranteed. These corrections could be, besides influenced by reception or communication errors, disturbed by errors and inaccuracies through restrictions / aware disruptions of GNSS themselves and disturbances in the atmosphere (ionosphere), which all are outside the influence of 06-GPS.
- 8. Unsubscribing. Unsubscribing to the use of 06-GPS network services is always possible and must be done in writing. Subscriptions will be extended automatically, unless unsubscribed a minimum of 1 month beforehand. Already paid subscriptions cannot be refunded.