



GATE

GALILEO TEST AND DEVELOPMENT ENVIRONMENT

NEWSLETTER 01-07
JANUARY 26, 2007

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Welcome to the GATE Newsletter,

In the current issue of our newsletter you find again the latest news and facts about GATE, the German Galileo Test and Development Environment.

We also would like to take this opportunity to wish you a prosperous new year 2007!

Project status: System testing

With the installation of the essential GATE transmitting and receiving units in the area of Berchtesgaden in autumn 2006 a further important step was done out of the laboratory into the real world. Now all six transmitting antennas as well as four transmitting stations are completely installed. The positions of the antennas were determined with high precision within an extensive surveying campaign. Furthermore the central receiving and processing unit was installed on-site and the core elements were connected via secure network. The system will be completed with the installation of the remaining two transmitting stations very soon.

Currently extensive system tests are being carried out. The next important milestone of the project is the System Verification Review which will take place at the DLR / Bonn beginning of March.

First positioning with Galileo signals outside the laboratory

On 6 December an international GATE user workshop was held in Bad Reichenhall. After the sessions about 50 participants as well as numerous politicians and press representatives took the opportunity to witness the first positioning with Galileo signals outside the laboratory. Close to the building of the National Park administration in Berchtesgaden the signals of the four operating GATE transmitting stations were received and successfully processed by the GATE receiver. This is an important milestone towards the regular GATE operation, which is going to start this summer.



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In the meantime the first dynamic positioning tests with GATE signals were successfully performed within the test area, too.

GATE at conferences and exhibitions

GATE has been presented on numerous conferences and exhibitions during the last months.

The three-dimensional GATE model which shows the test environment as well as the locations of the GATE stations in a scale of 1:10.000, was exhibited for instance at the exposition „Vom neuen zum modernen Bayern“ in the Bavarian State Chancellery (Munich), on the occasion of the open house in the German Federal Ministry of Transport, Building and Urban Affairs in Berlin as well as at the ION GNSS 2006 conference in Texas/USA. A lot of interested people took the opportunity to get first-hand information about GATE.

At present the GATE model is on loan to the National Park administration centre in Berchtesgaden again.

Latest publications about GATE

A new GATE info flyer was published by DLR-GSOC, which will be responsible for the GATE operation from May 2007.

A TV report focusing on GATE and Galileo was broadcasted by the Bavarian TV station BR on December 10, 2006.

The first successful positioning with Galileo signals outside the laboratory was subject of several press articles.

You can download the releases mentioned above as well as various further publications from the GATE Homepage:

<http://gate-testbed.de/publications.php>

<http://gate-testbed.de/news.php>

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<http://www.gate-testbed.com/cgi-bin/newsletter.php.cgi?action=archive>

as well as

http://www.gate-testbed.com/press/news_archiv.php

Upcoming Dates & Events

07 March 2007

Munich Satellite Navigation Summit 2007,
Munich (GER)

GATE presentation in the framework of the "Munich Flashlights - News from Bavaria " Session at the Munich Satellite Navigation Summit 2007

Find further information about the summit on:

<http://munich-satellite-navigation-summit.org>

09 March 2007

Field trip Munich - Berchtesgaden

On the occasion of the Munich Satellite Navigation Summit a field trip to the GATE area Berchtesgaden is organized for interested participants of the conference.

Registration will be possible soon via:

<http://www.munich-satellite-navigation-summit.org/GateExcRegistration.htm>

16 to 21 March 2007:

CeBIT fair,

Hannover (GER)

IfEN GmbH and DLR-GSOC will each have a booth in the Satellite Navigation Area at the CeBIT where they provide information about GATE.

If you have any questions, suggestions, comments etc. please let us know:

info@gate-testbed.com

For further information about GATE please visit also our homepage:

<http://www.gate-testbed.com>