News from the International EUPOS® Steering Committee

Gerd Rosenthal
Office of the International EUPOS® Steering Committee
c/o Senate Department for Urban Development, State Berlin, Germany
EUREF 2011

EUPROS members
Bosnia and Herzegovina
Bulgaria
Czech Republic
German Land Berlin (ISCO)
Montenegro
Estonia
Hungary
Kazakhstan
Latvia
Lithuania
Republic of Macedonia
Moldova
Poland
Romania
Russian Federation
Serbia
Slovak Republic
Ukraine
Slovenia (observer)
Azerbaijan (applies membership)
Kyrgyzstan (will apply membership)
**EUPROS co-operations and memberships**

*EUPROS* contributes to UNOOSA activities and goals in the field of DGNSS and applications, e.g. by the Berlin *EUPROS* Symposia and *EUPROS* participation in UNOOSA workshops.

*EUPROS* is an associated member of the International Committee on GNSS (ICG) and a founding member of the ICG, which is involved in the activities since 2001.

EGNOS and *EUPROS* have agreed on the goal of entering into a co-operation for their reciprocal benefit. A first meeting was held in Berlin on 23rd March 2011.
**EUPOS** co-operations and memberships

**EUPOS** and EUREF have been established an information exchange at the start of the co-operation. Dr Ambrus Kenyeres reports on discussions and results of both EUREF and **EUPOS** conferences, each to the other organisation.

Dr Yüksel Altina reports on German BKG activities to the **EUPOS** community and reports on the **EUPOS** conferences to BKG.

**EUPOS** is member of the Radio Technical Commission for Maritime Services (RTCM).
Station DataBase

Berlin, Germany
Bosnia and Herzegovina
Bulgaria
Czech Republic
Estonia

Hungary
Kazakhstan
Latvia
Lithuania
Macedonia

Moldova
Montenegro
Poland
Romania
Russia

Serbia
Slovakia
Slovenia
Ukraine

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http://www.eupos.hu/EUPOS-ESDB.php

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EUPROS Station Data Base (ESDB) map

http://www.eupos.hu/EUPOS-ESDB.php
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EUPROS Station Data Base (ESDB) station data

For EUPLOS members:

0986_20080526.log

OSGB Site Information form (site log)
International GPS Service
See instructions at:
http://gsocb.jpl.nasa.gov/pub/station/general/site_log_instr.txt

0. Form

Prepared by [full name] : Schwarz, Lars
Date Prepared : 2008-05-26
Report Type : UPDATE
If Update:
Previous Site Log : 0986_20080131.log
Modified/added Sections : 3.1

1. Site Identification of the OSGB Monument

Site Name : BERLIN-VILMERSDORF
Four Character ID : 0986
Monument Inscription :
IBRS DOMES Number :
CPD Number :
Monument Description : STEEL BOLT AND BRASS PLATE WITH SCREW
Height of the Monument : 0.1
Monument Foundation :
Foundation Depth :
Marker Description : CK. STUD BOLT
Date Installed : 1999-12-29T00:00Z
Geologic Characteristic :
Bedrock Type :
Bedrock Condition :
Fracture Spacing :
Fault Zones Nearby :
Distance/activity :
Additional Information :

For unauthorised users:

EUPROS Reference Stations in Berlin

<table>
<thead>
<tr>
<th>Station ID</th>
<th>City or Town</th>
<th>RTCM ID</th>
<th>Approximate ETRS 89 Cartesian coordinates</th>
<th>Approximate ETRS 89 Geographic coordinates</th>
</tr>
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<td></td>
<td></td>
<td>X [m]</td>
<td>Y [m]</td>
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</table>

http://www.eupos.hu/EUPOS-ESDB.php
Changes of the \textit{EUPOS} Terms of Reference (excerpt of #5)

Members of the ISC are:

(a) One representative from each \textit{EUPOS} member country. In exceptional cases a country may be granted more than one representative should this be advisable due to that country’s particular situation. They shall, nevertheless, hold a common position in the ISC decision-making process;

(b) Representatives of other states, organizations, institutions, companies etc. which joined the ISC at its founding;

(c) The head of the ISC Office (ISCO);

(d) Non-European countries can apply for the status “associated country”, which allows participation in all \textit{EUPOS} conferences and activities. However countries which have associated country status can not vote in the \textit{EUPOS} decision making. Associated countries receive full membership if the DGNSS infrastructure will be established and fulfill the \textit{EUPOS} Standards.
Some selected technical issues

Revision of the *EUPOS* reference frame fixing guidelines

Working group to perform studies on *EUPOS* stations and system self-certification

Complete RTCM SC 104 Private Messages standard

Next *EUPOS* conferences and upcoming Symposium

20th *EUPOS* ISC conference will be held 12th - 13th October 2011 in Berlin, Germany, 12th meeting of the *EUPOS* Working Group on System Quality, Integrity and Interference Monitoring, and Working Group on Technical Co-operation with the Industry (TCI), Berlin, Germany, 13th October 2011

International Symposium on Global Navigation Satellite Systems, Space-Based and Ground-Based Augmentation Systems and Applications 2011, will be held in Berlin, Germany, 10th - 11th October 2011
(4th) EUPOS Symposium on Global Navigation Satellite Systems, Space-Based and Ground-Based Augmentation Systems and Applications

Berlin, Germany, 12 – 13 October 2011

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Chisinau, Moldova, 25-28 May 2011
Terms of Reference of the *EUPOS ISC*


**Actual technical documents of the *EUPOS ISC***

*EUPOS* Technical Standards, revised second edition, 24 April 2008


Guidelines for *EUPOS* Reference Frame Fixing, Version 1.0, 21 September 2007

*EUPOS* Guidelines for Cross-Border Data Exchange, Version 1.0, 21 September 2006

*EUPOS downloads:*

http://www.eupos.org/index.php?option=com_content&task=view&id=43&Itemid=91
Useful links for further information on EUPOS

**EUPOS Website**
http://www.eupos.org/

**EUPOS Newsletters**
The EUPOS ISCO started in August 2009 to provide newsletter. If you would be interested, please mail to: eupos.isco@senstadt.berlin.de

International issues of the Senate Department for Urban Development of the State Berlin in the field of geoinformation (German language)

http://www.stadtentwicklung.berlin.de/internationales_eu/geoinformation/de/moe/eupos/index.shtml
Thank you for your attention!

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