

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

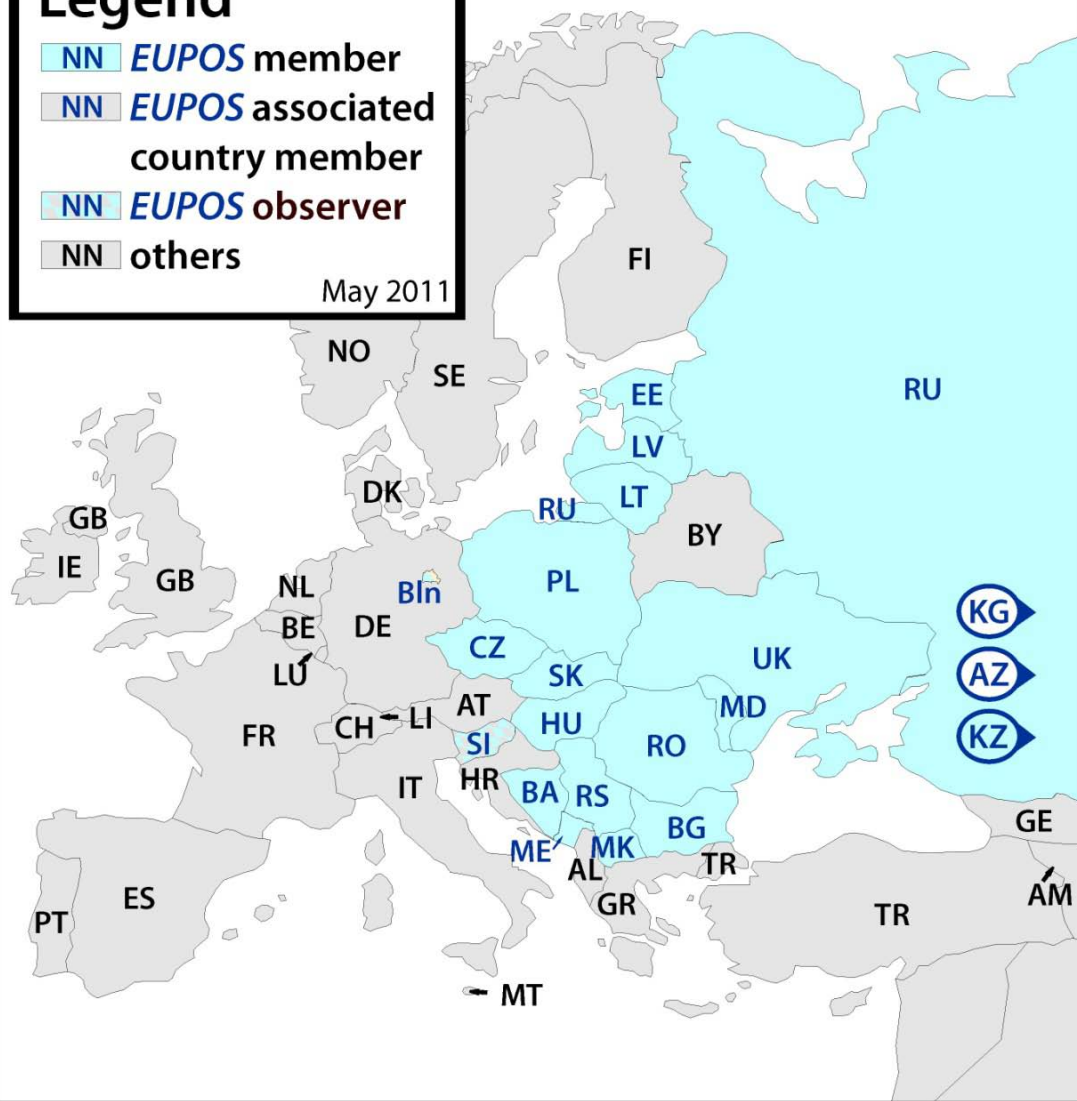
EUREF 2011

Chisinau, Moldova, 25-28 May 2011

Legend

- NN *EUPOS* member
- NN *EUPOS* associated country member
- NN *EUPOS* observer
- NN others

May 2011



EUPOS 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)

EUPOS co-operations and memberships



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



EUPOS 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 *EUPOS* 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

EUPOS Stations Map

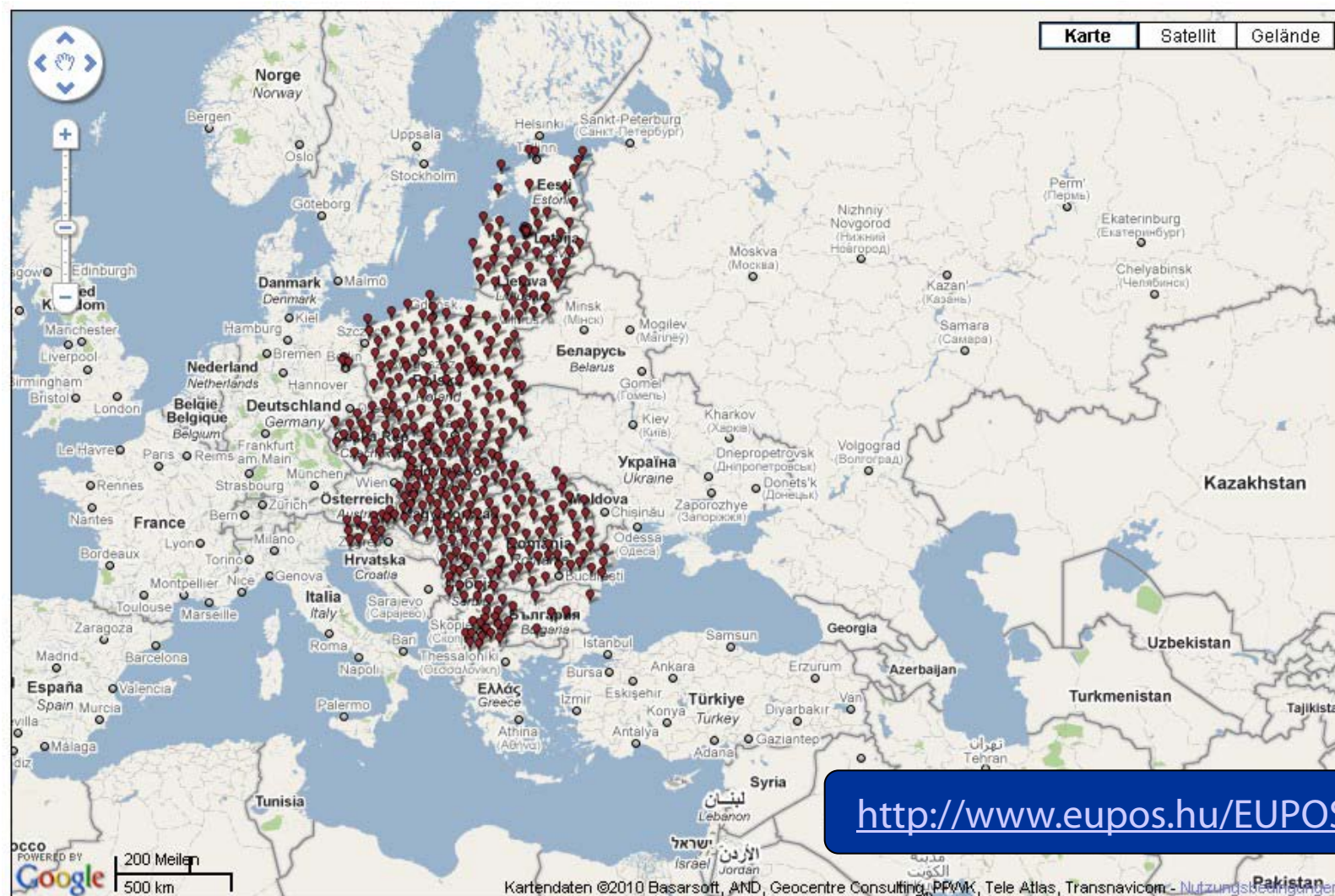
ESDB Club Login

User Name:

Password:

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

EUPOS Station Data Base (ESDB) map



EUPOS Station Data Base (ESDB) station data

Back **For EUPOS members:**

[0896_20080526.log](#)

0896 Site Information Form (site log)
International GPS Service
See Instructions at:
 ftp://igsch.jpl.nasa.gov/pub/station/general/sitelog_instr.txt

0. Form

Prepared by (full name) : Schwarz, Lars
Date Prepared : 2008-05-26
Report Type : UPDATE
If Update:
 Previous Site Log : 0896_20080131.log
 Modified/Added Sections : 3.1

1. Site Identification of the GNSS Monument

Site Name : BERLIN-WILMERSDORF
Four Character ID : 0896
Monument Inscription :
IERS DOMES Number :
CDP Number :
Monument Description : STEEL BOLT AND BRASS PLATE WITH SCREW
 Height of the Monument : 0.1
 Monument Foundation : ROOF
 Foundation Depth :
Marker Description : OK. STUD BOLT
Date Installed : 1989-12-29T00:00Z
Geologic Characteristic :
 Bedrock Type :
 Bedrock Condition :
 Fracture Spacing :
 Fault zones nearby :
 Distance/activity :
Additional Information :

2. Site Location Information

City or Town : BERLIN
State or Province : BERLIN
Country : Germany
Tectonic Plate : Eurasian Plate
Approximate Position (ITRF)

For unauthorised users:



EUPOS Reference Stations in Berlin			Approximate ETRS 89 Cartesian coordinates			Approximate ETRS 89 Geographic coordinates					
			X	Y	Z	Latitude			Longitude		
Station ID	City or Town	RTCM ID	[m]	[m]	[m]	[°]	[']	["]	[°]	[']	["]
0896	BERLIN	0896	3787400	896200	5036200	+52	29	20	+13	18	40
0897	BERLIN	0897	3778800	895000	5042900	+52	35	10	+13	19	30
0898	BERLIN	0898	3789600	917000	5030800	+52	24	30	+13	36	10

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

Changes of the *EUPOS* Terms of Reference (excerpt of #5)

Members of the ISC are:

- (a) One representative from each *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 *EUPOS* conferences and activities. However countries which have associated country status can not vote in the *EUPOS* decision making. Associated countries receive full membership if the DGNSS infrastructure will be established and fulfill the *EUPOS* Standards.



Some selected technical issues

Revision of the *EUP^{OS}* reference frame fixing guidelines

Working group to perform studies on *EUP^{OS}* stations and system self-certification

Complete RTCM SC 104 Private Messages standard

Next *EUP^{OS}* conferences and upcoming Symposium

20th *EUP^{OS}* ISC conference will be held 12th - 13th October 2011 in Berlin, Germany, 12th meeting of the *EUP^{OS}* 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



Terms of Reference of the *EUPOS* ISC

EUPOS Terms of Reference ,
revised 2nd Edition, 20 September 2007, updated March 14th, 2011

Actual technical documents of the *EUPOS* ISC

EUPOS Technical Standards, revised second edition, 24 April 2008

EUPOS Guidelines for Single Site Design, Version 2.1, 4 June 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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