

National Report of Belgium (ROB)

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Status

Since last meeting,
the service has performed well and was quite stable
all user requirement (NWP) are still satisfied

Switched to IGS08 + I08.ATX

The activities have been maintained without major modifications, because of
Outdated IT infrastructure that needs to be renewed to allow developments

Managerial/directorial/governmental decisions to be taken
(ROB/RMI collaboration)

Wait for the new release of the Bernese software (end of the year)



Status on the 17th October 2011, 10 UTC: ~210 Stations



Compared to last year:

- Some new sites have been added
- Some old do not arrive on time anymore...
- Some sites emphasize sporadic delay in the RINEX provision

1 - 15	ACOR	AJAC	ALAC	ALBA	ALCI	ALME	APEL	AQUI	ARGI	AUT1	AUTN	BBYS	BELE	BELL	BISK
16 - 30	BORJ	BORR	BREE	BRET	BRST	BRUS	BSCN	BUOP	BZRG	CABW	CACE	CAEN	CAGL	CAMO	CANT
31 - 45	CASC	COBA	COMO	CREI	CREU	CSTB	CUBX	DENT	DGLG	DOUR	DRES	DUBR	DUTH	EBRE	EGLT
46 - 60	EIJS	ELBA	ENIS	ENTZ	ESCO	EUSK	FFM1	FOYL	FUNC	GAIA	GANP	GENO	GLSV	GOPE	GRAS
61 - 75	GRAZ	GSR1	GUIP	HELG	HERS	HERT	HOB1	HOE2	HOFN	HUEG	HUEL	IENG	IGMI	IJMU	IZAN
76 - 90	JALH	JOEN	JOZE	KARL	KATO	KELY	KIRO	KIRU	KLOP	KOSG	KRAW	LAGO	LAMA	LAMP	LARM
91 - 105	LDB2	LEI1	LEON	LINZ	LLIV	LMCU	LPAL	M0SE	MADR	MALA	MALL	MAR6	MARJ	MARS	MATE
106 - 120	MEDI	MEEU	METS	MILO	MOP2	MOPS	MORP	MTPL	NICO	NOA1	NOT1	NYA1	NYAL	ONSA	ORID
121 - 135	OSJE	OSLS	PADO	PANA	PAT0	PDEL	PFA2	POLV	POTS	POUS	PRAT	PTBB	PUYV	QAQ1	REDU
136 - 150	RENN	REYK	RIGA	RIO1	ROVE	SALA	SASS	SBG2	SCOA	SFER	SKE0	SMID	SMLA	SMNE	SODA
151 - 165	SOFI	SONS	SPRN	SPT0	STAS	SULD	SULP	SVTL	TERS	TERU	THU3	TIITZ	TLLG	TLME	TLSE
166 - 180	TORI	TRDS	TRF2	TRO1	TUBO	TUC2	UNPG	UNTR	VAAS	VACO	VALA	VALE	VARS	VEN1	VFCH
181 - 195	VIGO	VIL0	VILL	VISO	VLIS	VSFR	WARE	WARN	WROC	WSRT	WTZR	YEBE	ZARA	ZIM2	ZIMM
196 - 207	ZOUF	AMBL	CHAL	COLE	ESAB	FLRS	GROI	HEAU	PLCO	PNDP	PORL	SCLP			

Sustainability of the activities at ROB

After a lot of meetings, discussions, administrative stuff... it was decided to

Start a long-term collaboration with the RMI (mandatory condition)

Sustain the E-GVAP activities at ROB

Renew the outdated server(s) running the service



Part I : Migration to the new server

The new server was received last week

- § We will migrate the service to new IT infrastructure
- § As soon as possible
- § As identical as possible to what is running now

Part I : Migration to the new server

Possible reconfiguration of the network :

Look for any station to be removed (quality concerns, sporadic RINEX availability...)

Increase the spatial resolution , particularly In & around Belgium ?

Possible access to more GNSS data (The Netherlands, Germany, U.K., France...) ? NTRIP ?

Some work on a better automation (site exclusion, monitoring, handling of problems...)

Part II : Transition to the new version of the Bernese software

Step 1: migrate the service to run under the Bernese software 5.2

Step 2: investigate possible developments, such as

Switch from double-difference to PPP ?

Switch to Sub-hourly processing ?

Switch to a global network analysis ?

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