



4-char Codes in E-GVAP

- Goal: avoid stations with same 4-char IDs in Europe (would be nice also world-wide)
- 4-char definitions under <ftp://ftp.metoffice.gov.uk/support/data/gwvstn> **ALL**.dat
 - Also '**NONE**' for old sites no longer processed by any E-GVAP AC) and '**FUTURE**' (requested reserved IDs)
 - Access with user an password
- Introduced / published since about 2009/2010 (especially the “FUTURE” meta data file – request when “reserving” names for the Swiss local stations) – not clear, if the mechanism is clear to many users
- Activity of EUREF to request in the EUREF guidelines to check the E-GVAP data base to avoid double names
- Option 1: to make the 3 files public available+ user checks the names



4-char Codes in E-GVAP: “Dave’s tool” (Option 2)

- Nice tool from Dave available, combining all 3 file types
- http://offiler.demon.co.uk/~dave/gwv/gwv_list.cgi
- Easy check possible, no password necessary
- At the moment only on Dave’s “private” computer available

GWV Database Query

Enter a 4-character Station ID or select a Centre or Network ID

GWV Information

GNSS Station ID: (3186 records in the database)

Processing Centre ID:

Reference Network ID:



4-char Codes in E-GVAP: Examples of “Dave’s tool”

- Request a station

GWV Database Query

Enter a 4-character Station ID or select a Centre or Network ID

GWV Information
GNSS Station ID: (3186 records in the data)
Processing Centre ID:
Reference Network ID:

Anfrage senden

GWV Database Result for ZIMM

GNSS Station Information [Table last updated 2013-11-25 06:29]

Station ID:	ZIMM
DOMES:	14001M004
Full name:	Zimmerwald (Switzerland) [CH]
Receiver:	TRIMBLE NETRS
Antenna:	TRM29659.00 UNKNOWN
Processed by:	ASI ASIC BKG GFZ GOP1 GOP2 GOP3 IES2 IGE KNM3 LPT METG METO NGAA SGN SGN1 SGOB UL01 WUEL
Status:	Active (since 2001-05-02 00:30)
Network(s):	EUREF IGS
Supersite:	Yes
Location (WGS-84):	Lat: 46.877100N Lon: 7.465280E Ht: 956.340m
Height above mean sea level (EGM96):	906.676m
Antenna height above benchmark:	0.000m
ECF coordinates:	X: 4331296.838 Y: 567556.095 Z: 4633134.129 m
WMO Surface:	Index: 06901 Lat: 46.951N Lon: 7.441E Ht: 532.5m Dist: 8.4km Name: Bern / Bollwerk (Switzerland) [CH]
WMO Sonde:	Index: 06610 Lat: 46.812N Lon: 6.942E Ht: 490.5m Dist: 40.4km Name: Payerne (Switzerland) [CH]
Last update:	2013-11-25 05:30 : Updated hmsl by GOP1
History:	ALL from 2001-05-02 00:30 to 2013-11-25 05:59 ACRI from 2003-07-08 06:00 to 2006-03-24 12:45 ASI from 2001-06-11 11:00 to 2013-11-25 04:45 ASI1 from 2012-01-03 20:00 to 2013-08-01 06:45 ASIC from 2010-10-18 04:00 to 2013-11-25 02:45 BKG from 2004-03-04 08:30 to 2013-11-25 04:30



4-char Codes in E-GVAP: Examples of “Dave’s tool”

- Request an AC

GWV Database Query

Enter a 4-character Station ID or select a Centre or Network ID

GWV Information

GNSS Station ID: (3186 records in the database)

Processing Centre ID:

Reference Network ID:

Active

- ASI
- ASIC
- ASIS
- BKG
- BKGH
- GFZ
- GOP1
- GOP2
- GOP3
- GOPG
- IES2
- IGE

Anfrage senden

GWV Database Result for LPT

Processing Centre Information [Table last updated 2013-11-25 02:50]

Centre ID: LPT

Full name: SWISSTOPO (Switzerland) [CH]

Website: www.swisstopo.admin.ch

Processing Method: BERNESE V5.0

Orbit type: IGSULT

Batch length: 420 mins

Batch update: 60 mins

Sample interval: 60 mins

Sample method: Sample/End

Region: Europe

Status: **Operational**

First data: 2001-11-29 14:30

Last data: 2013-11-25 04:59

Network: 116 active stations:

AIGE AND2 ARD2 ARDE AUTN AXPV BCKL BLFT BOR1 BOU2
FALE FHBB FLDK FREI FRI3 FRIC GENO GOPE GRAS GRAZ G
LIND LINZ LOMO LUZE M0SE MABZ MAN2 MAR2 MARG MARS
RENN REYK SAA2 SAAN SAME SANB SAR2 SBG2 SCHA SIG
ZIM2 ZIMM

[Site Map](#)



4-char Codes in E-GVAP: Examples of “Dave’s tool”

- Request an not existing 4-char Code ‘ABCD’

GWV Database Query

Enter a 4-character Station ID or select a Centre or Network ID

GWV Information
GNSS Station ID: (3186 records in the database)
Processing Centre ID:
Reference Network ID:

Anfrage senden

GWV Database Result for ABCD

GNSS Station Information [Table last updated 2013-11-25 06:29]
GNSS ID 'ABCD' not known

Another



4-char Codes in E-GVAP: how to go forward

- Personal opinion: very nice, usefull, efficient, no special access necessary -> should be make publicly available.
- Host it on a more maintained server or stay with the actual version ?
- Discussion / decision