



# GMA DX Spider

**81.169.179.220 Port 7300**

In our network, a DX-Spider-Server (DX-Cluster-Software) has been running for a few days. This server is "standalone", so it has no connection to the DX cluster network. The server is powered by spots from 11 different sources. The DX spots have a 4-digit code in the infocodes, where you can see what for what reference the spot is (eg GMA, SOTA, WWFF, IOTA, WCA, ...) and from which source it comes.

```
DX de HP1AC: 14081.0 TX5EG x02d rttu up oc027 2146Z
```

This spot has the code **x02d**. **x02** stands for an IOTA spot and the **d** for the origin DX Cluster.

According to these codes, filters can be created with DX Spider to adapt the spots according to their taste. But here first the codes:

- x01 = Flora & Fauna
- x02 = Islands
- X03 = Castles
- x04 = SOTA
- X05 = GMA
- X06 = Lighthouses
- X07 = RDA
- x08 = AGCW

If one wants to get only FF-Spots, then the command is:

```
accept/spots 1 info x01
```

This means: Accept spots, Filter 1, if x01 is in the INFO field.

If only mountain references are to be displayed:

```
accept/spots 1 info x04  
accept/spots 2 info x05
```

This will display all SOTA spots from SOTAwatch and all spots from GMAwatch.

With **show/filter** you can show your filters again, **clear/spots** will delete the filter and delete filter #1 only with **clear/spots # 1**.

These filters must be created only once.

If you want to see all the spots, but not the AGCW spots, you create a reject spot:

*reject/spots 1 info x08*

### **Origin of the Spots**

To the x-codes is attached a letter, only as info for the administrators, whether everything works fine and also as information for the users.

d = DX Cluster  
f = smartWWFF  
g = GMAwatch  
m = smartGMA  
r = RBN  
s = SOTAwatch RSS  
t = RRT  
u = UDXlog  
v = VK Spots  
w = WWFFwatch  
x = SMS

### **Send Spot**

With the normal DX command, spots can be sent. These spots are relayed to GMAwatch, WWFF spots additionally to WWFFwatch. These spots are marked with [dxs] on the web interface. So if you see a spot with [dxs], then it was placed in the DX Spider.

#### ***Example:***

*dx dl6ap/p 7033 gma da/nd-999*

It is in any case necessary to specify the reference type, as in the DX cluster. Only WWFF spots and IOTA spots are recognized without reference type:

*dx dr0abc 7024 dlff-0999 gud signal*

### **DX Spider Commands**

If you are not familiar with the commands in the DX cluster, you can find many collections on the Internet, B. here:

[http://www.dxcluster.org/main/usermanual\\_en-12.html](http://www.dxcluster.org/main/usermanual_en-12.html)

## Software

Many programs are specially adapted to DX clusters. There are so nice advantages, that the transceiver can be navigated to the appropriate frequency by mouse click.

The simplest way is to access TELNET with Putty:

```
81.169.179.220 - PuTTY
Login: ddll4mmffmm
Hello Mario, this is DLOGMA in Osnabrueck, Lower Saxony
running DXSpider V1.55 build 0.196

WELCOME TO GMA's DX SPIDER
-----
DO NOT REINJECT THIS SPOTS TO THE DX CLUSTER NETWORK!

to filter the different references with
accept/spots or reject/spots

use this codes:          origin of spots for your info
-----
x01 = Flora & Fauna      | d = DX Cluster      s = SOTAwatch RSS
x02 = Islands            | f = smartWWFF       t = RRT
x03 = Castles            | g = GMAwatch        u = UDXlog
x04 = SOTA               | m = smartGMA        v = VK Spots
x05 = GMA                | r = RBN              w = WWFFwatch
x06 = Lighthouses       |                      x = SMS
x07 = RDA                |
x08 = AGCW              |
-----

example for accepting WWFF: accept/spots 1 info x01
and Islands              : accept/spots 2 info x02

-----
in spots enter in the comment field the type and the reference
i.e.: dx dlogma/p 7034 gma da/th-100

-----
Please consult the wiki for commands (http://wiki.dxcluster.org)

-----
73 de Global Mountain Activity (GMA - support@cgqma.net)
-----
```

or DX-Cluster-Applications like RxClus:

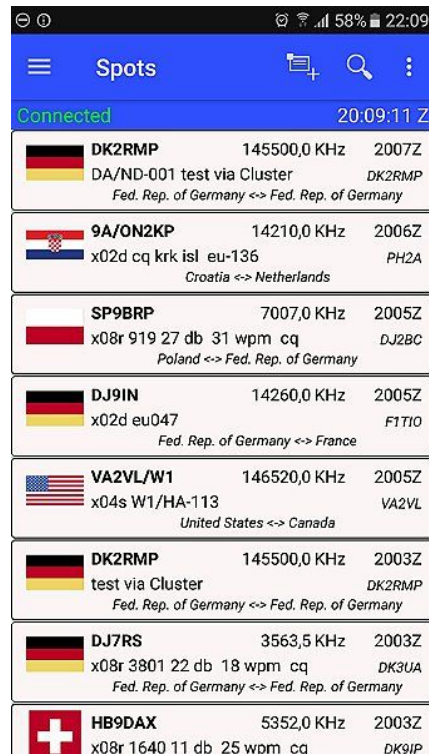
```
RXCLUS 8.5g
Datei  Aullisten  Suchen  DXCC  IOTA  Land  Fenster  Befehle  Skripte  Tools  Optionen  Info
-----
dlogma
DX de DL3KR: 7032.5 HB9IRF/P x05r hb/ar-004 32 db 14 wpm 14442
DX de DL9GTB: 14062.0 F/PB2T/P x05r f/an-826 20 db 26 wpm c 14442
DX de UZ7I: 7043.0 KQ6QB x01r kff-1381 14412 L
DX de UE3EID: 7043.1 KQ6QB x01r kff-1381 14412 L
DX de KH3T: 7043.0 KQ6QB x01r kff-1381 14412 L
DX de U4KA2: 7043.0 KQ6QB x01r kff-1381 14412 L
DX de U4KKN: 7043.0 KQ6QB x01r kff-1381 14412 L
DX de UE2WJ: 7043.0 KQ6QB x01r kff-1381 14412 L
DX de K3PA: 7043.0 KQ6QB x01r kff-1381 14412 L
DX de G4WKP: 14061.1 HB9JOE/P x05r hb/ar-004 20 db 29 wpm 14422 L
DX de N4EX: 14059.0 AC6PR x04s WU/SU-036 14422 L
DX de LZ7AA: 14062.0 F/PB2T/P x05r f/an-826 11 db 26 wpm c 14422
DX de W3LPL: 14061.0 HB9JOE/P x05r hb/ar-004 6 db 29 wpm c 14422 L
DX de SE5E: 14061.0 HB9JOE/P x05r hb/ar-004 23 db 29 wpm 14422 L
DX de G6H2R: 14061.0 HB9JOE/P x05r hb/ar-004 17 db 28 wpm 14422 L
DX de U3UQ: 14061.0 HB9JOE/P x05r hb/ar-004 9 db 29 wpm c 14432 L
DX de U02UL: 14062.0 U02UL/M1 x04s W1/GH-004 14432
DX de SK3GW: 14061.0 HB9JOE/P x05r hb/ar-004 31 db 29 wpm 14432 L
DX de SK3W: 14061.0 HB9JOE/P x05r hb/ar-004 16 db 29 wpm 14432 L
DX de HA6PX: 7032.5 HB9IRF/P x05r hb/ar-004 14 db 14 wpm 14432
DX de LZ7AA: 7032.5 HB9IRF/P x05r hb/ar-004 9 db 15 wpm c 14432
DX de R49JAC: 14293.0 N4GD x01d wuff pota kff-2779 in ak 14432 L
DX de HA1UHF: 7032.5 HB9IRF/P x05r hb/ar-004 13 db 15 wpm 14432
DX de DK0TE: 14061.1 HB9JOE/P x05r hb/ar-004 36 db 29 wpm 14432 L
DX de EI7HQE: 14061.1 HB9JOE/P x05r hb/ar-004 10 db 29 wpm 14432 L
DX de DF4XX: 7032.5 HB9IRF/P x05r hb/ar-004 5 db 15 wpm c 14432
DX de LZ7AA: 14061.0 HB9JOE/P x05r hb/ar-004 10 db 29 wpm 14442 L
DX de RK7H: 7024.0 U04NF/H x07d rda ki-11 14442
DX de H05SE: 7033.0 HB9IRF/P x05r hb/ar-004 11 db 14 wpm 14452
DX de DL7M: 7033.0 HB9IRF/P x05r hb/ar-004 30 db 14 wpm 14452
DX de ON6ZQ: 7033.0 HB9IRF/P x05r hb/ar-004 13 db 14 wpm 14452
DX de HA6PX: 7033.0 HB9IRF/P x05r hb/ar-004 21 db 14 wpm 14452
DX de DL2YBG: 7031.8 DL/PA7ZEE/P x04d sota 14462
DX de BE5VYN: 7168.0 DL/H0WML/P x04s DL/BW-058 14482
DX de V2AXR: 7043.0 KQ6QB x01r kff-1381 14492 L
DX de RBHOLE: 7026.9 AC6PR x04s WU/XX-XXX 14502 L

-----
Mi 02.08.2017 16:50:20 SFI=74 K USA-(CO-IA-KS-MN-MO-ND-NE-SD) 305° 7693
```

Manfred (DK7ZH) tested the logging-software HAM Office:



And also for smartphones is something to be found. Peter (DK2RMP) has found the NKCCCluster app in the Android Playstore:



***Please note that this feature is still running in the test mode, but one or the other must be adjusted and improved, as well as the administration of the DX Spider has to be learned.***

We are looking forward for feedback and suggestions for improvement: [support@cqgma.net](mailto:support@cqgma.net)

The GMA DX Spider can be reached at:

**81.169.179.220 Port 7300**

73 de Mario dl4mfm (01/08/2017)