

# DX Spot Commands

## Posting a Spot

dx <frequency> <callsign> <comments>

Examples:

```
dx 14.195 ZL2ABC Strong signal on 20m CW
dx 7.090 VK9XYZ New DXCC on 40m SSB
dx by 9M2PJU 14.025 ZL2ABC Nice CW signal
```

The `by` variant lets you post a spot on behalf of another operator.

Note: You must be registered before you can post spots. The sysop can register you.

## Viewing Spots

| Command           | Description                                 |
|-------------------|---------------------------------------------|
| sh/dx             | Show recent DX spots                        |
| sh/dx 20          | Show last 20 spots                          |
| sh/dx 20m         | Show recent spots on the 20m band           |
| sh/dx on 14       | Show spots on frequencies starting with 14  |
| sh/dx by ZL*      | Show spots spotted by ZL callsigns          |
| sh/dx info *CW*   | Show spots containing "CW" in comments      |
| sh/dx dxcc ZL     | Show spots from New Zealand                 |
| sh/dx zone itu 28 | Show spots in ITU zone 28                   |
| sh/dx zone cq 28  | Show spots in CQ zone 28                    |
| sh/dx state CA    | Show spots from US state California         |
| sh/dx iota        | Show IOTA-related spots                     |
| sh/dx qra OJ03    | Show spots near grid square OJ03            |
| sh/dx day 30      | Show spots from the last 30 days            |
| sh/fdx            | Show DX data in realtime format             |
| sh/mydx           | Show DX data filtered with your spot filter |

## Spot Statistics

| Command     | Description               |
|-------------|---------------------------|
| sh/dxstats  | Show DX statistics        |
| sh/hfstats  | Show HF DX statistics     |
| sh/vhfstats | Show VHF DX statistics    |
| sh/hftable  | Show HF DX spotter table  |
| sh/vhftable | Show VHF DX spotter table |

---

## Announcement Commands

|                       |                              |
|-----------------------|------------------------------|
| announce <text>       | # Local announcement only    |
| announce full <text>  | # Cluster-wide announcement  |
| announce sysop <text> | # Sysops only (privilege 5+) |

## Examples:

```
ann 73 to all and good DX
ann full QSO party this weekend on 20m
ann sysop Rebooting node in 10 minutes
```

## View announcements:

```
sh/ann                # Show recent announcements
sh/ann 20              # Show last 20 announcements
sh/ann <from>-<to>     # Show range of announcements
```

---

# Talk (Private Messages)

## Send a one-line message to another station:

```
talk 9M2PJU Hi there, how are you?
talk ZL2ABC > 9M2PJU-2 Hi via 9M2PJU-2
```

## View talk history:

```
sh/talk
sh/talk 20
```

---

# Message System (Bulletins and Personal Mail)

## Sending Messages

```
send <call>           # Send a message (interactive)
send private <call>   # Send a personal message
send noprivate <call> # Send a bulletin (public)
send rr <call>        # Send with read receipt request
send copy <msgno> <call> # Send a copy of an existing message
```

After typing `send`, you'll be prompted for a subject and body. End the message with `/EX` (send) or `/ABORT` (cancel).

## Reading Messages

```
read                # Read next unread personal message
read <msgno>        # Read a specific message by number
```

## Listing Messages

```
directory           # List recent messages
dir all              # List all messages
dir own              # List your own messages
dir new              # List all new (unread) messages
dir to <call>        # List messages addressed to <call>
dir from <call>      # List messages from <call>
dir subject <string> # List messages with <string> in subject
dir 20               # List last 20 messages
dir 100-200          # List messages 100 through 200
```

## Replying to Messages

|                         |                                      |
|-------------------------|--------------------------------------|
| reply                   | # Reply to the last message you read |
| reply <msgno>           | # Reply to a specific message        |
| reply b <msgno>         | # Reply as a bulletin (public)       |
| reply rr <msgno>        | # Reply with read receipt request    |
| reply noprivate <msgno> | # Reply as a bulletin                |

## Deleting Messages

|                      |                                          |
|----------------------|------------------------------------------|
| kill <msgno>         | # Delete a message                       |
| kill <from>-<to>     | # Delete a range of messages             |
| kill from <call>     | # Delete all messages from <call>        |
| kill to <call>       | # Delete all messages to <call>          |
| kill full <msgno>    | # Delete from the entire cluster (sysop) |
| kill expunge <msgno> | # Permanently expunge a message          |

## Message Management (Sysop)

|                            |                            |
|----------------------------|----------------------------|
| msg <cmd> <msgno> [data]   | # Alter message parameters |
| msg to <msgno> <call>      | # Change recipient         |
| msg subject <msgno> <text> | # Change subject           |
| msg private <msgno>        | # Mark as private          |
| msg noprivate <msgno>      | # Mark as bulletin         |
| msg keep <msgno>           | # Prevent auto-deletion    |
| msg nokeep <msgno>         | # Allow auto-deletion      |
| msg queue                  | # Show queued messages     |

---

## User Settings Commands

### Personal Information

|                           |                                          |
|---------------------------|------------------------------------------|
| set/name <your name>      | # Set your name                          |
| set/qth <your qth>        | # Set your QTH                           |
| set/location <lat> <long> | # Set your latitude/longitude            |
| set/qra <locator>         | # Set your Maidenhead grid square        |
| set/homenode <node>       | # Set your home cluster node             |
| set/email <email>         | # Set email (forwards personal messages) |
| set/address <address>     | # Set your postal address                |
| set/password              | # Set your password                      |
| set/prompt <string>       | # Set a custom prompt                    |
| set/language <lang>       | # Set language (en, de, es, fr)          |

### Display Preferences

|                  |                                    |
|------------------|------------------------------------|
| set/dx           | # Show DX spots (default: on)      |
| unset/dx         | # Hide DX spots                    |
| set/announce     | # Show announcements (default: on) |
| unset/announce   | # Hide announcements               |
| set/talk         | # Show talk messages (default: on) |
| unset/talk       | # Hide talk messages               |
| set/wwv          | # Show WWV solar data              |
| unset/wwv        | # Hide WWV                         |
| set/wcy          | # Show WCY geomagnetic data        |
| unset/wcy        | # Hide WCY                         |
| set/wx           | # Show weather messages            |
| unset/wx         | # Hide weather                     |
| set/beep         | # Add beep to DX/other messages    |
| unset/beep       | # Remove beep                      |
| set/echo         | # Echo your input                  |
| unset/echo       | # Don't echo input                 |
| set/logininfo    | # Notify when users log in/out     |
| unset/logininfo  | # Don't notify                     |
| set/page <lines> | # Set lines per page (pagination)  |

|            |                            |
|------------|----------------------------|
| set/here   | # Mark yourself as present |
| unset/here | # Mark yourself as away    |

## DX Display Options

|               |                                  |
|---------------|----------------------------------|
| set/dxcq      | # Show CQ zones on DX spots      |
| unset/dxcq    | # Hide CQ zones                  |
| set/dxITU     | # Show ITU zones on DX spots     |
| unset/dxITU   | # Hide ITU zones                 |
| set/dxgrid    | # Show grid squares on DX spots  |
| unset/dxgrid  | # Hide grid squares              |
| set/usstate   | # Show US state info on DX spots |
| unset/usstate | # Hide US state info             |

## Buddy List

|                    |                                     |
|--------------------|-------------------------------------|
| set/buddy <call>   | # Add a callsign to your buddy list |
| unset/buddy <call> | # Remove a callsign                 |
| sh/buddy           | # Show your buddy list              |

## Startup Script (Per-User)

|               |                                              |
|---------------|----------------------------------------------|
| set/startup   | # Create your startup script (runs on login) |
| unset/startup | # Remove your startup script                 |
| sh/startup    | # View your startup script                   |

---

# Show Commands (Information)

## Cluster Information

| Command               | Description                                     |
|-----------------------|-------------------------------------------------|
| sh/configuration      | Show all nodes and users visible on the network |
| sh/c                  | Abbreviation for show/configuration             |
| sh/configuration/node | Show all nodes connected locally                |
| sh/newconfiguration   | Show the cluster map (modern format)            |
| links                 | Show which nodes are physically connected       |
| who                   | Show who is physically connected to your node   |
| sh/node               | Show type and version of connected nodes        |
| sh/connect            | Show all active connections (sysop)             |
| sh/version            | Show DXSpider version                           |

## Station Information

| Command           | Description                         |
|-------------------|-------------------------------------|
| sh/station        | Show info about a callsign          |
| sh/station all    | Show all users in the system        |
| sh/station <call> | Show info about a specific callsign |
| sh/registered     | Show registered users (sysop)       |
| sh/users          | Show user count                     |

## Propagation & Astronomy

| Command         | Description                                 |
|-----------------|---------------------------------------------|
| sh/sun          | Show sun rise/set times                     |
| sh/moon         | Show moon rise/set times                    |
| sh/grayline     | Show civil dawn/dusk times (grayline map)   |
| sh/muf <prefix> | Show MUF propagation prediction to a prefix |
| sh/wwv          | Show last 10 WWV solar broadcasts           |
| sh/wwv <n>      | Show last WWV broadcasts                    |
| sh/wcy          | Show last 10 WCY broadcasts                 |
| sh/wcy <n>      | Show last WCY broadcasts                    |

## Time & Date

| Command          | Description                          |
|------------------|--------------------------------------|
| sh/time          | Show local time at your QTH          |
| sh/time <prefix> | Show local time at a prefix/callsign |
| sh/date          | Show local date                      |
| sh/date <prefix> | Show date at a prefix/callsign       |

## QSL Information

| Command          | Description                       |
|------------------|-----------------------------------|
| sh/dxqsl <call>  | Show QSL info gathered from spots |
| sh/qrz <call>    | Show callbook details             |
| sh/ik3qar <call> | QSL info from IK3QAR database     |
| sh/db0sdx <call> | QSL info from DB0SDX database     |
| sh/wm7d <call>   | Callbook details for US callsigns |

## Database Commands

| Command               | Description                              |
|-----------------------|------------------------------------------|
| dbavail               | Show list of all databases in the system |
| dbshow <dbname> <key> | Display an entry in a database           |

## Filter Commands

See the [Filters Guide](#) for a detailed explanation.

|                             |                             |
|-----------------------------|-----------------------------|
| accept/spot [0-9] <pattern> | # Accept spot filter line   |
| reject/spot [0-9] <pattern> | # Reject spot filter line   |
| clear/spot [0-9 all]        | # Clear spot filter line(s) |
| accept/ann [0-9] <pattern>  | # Accept announce filter    |
| reject/ann [0-9] <pattern>  | # Reject announce filter    |
| clear/ann [0-9 all]         | # Clear announce filter(s)  |
| show/filter                 | # Show all your filters     |

## Chat / Conference Groups

|              |                     |
|--------------|---------------------|
| join <group> | # Join a chat group |
|--------------|---------------------|

|                     |                                  |
|---------------------|----------------------------------|
| leave <group>       | # Leave a chat group             |
| chat <group> <text> | # Send a message to a group      |
| sh/chat             | # Show recent chat messages      |
| sh/chat <group>     | # Show chat for a specific group |

---

## Weather

|                 |                                       |
|-----------------|---------------------------------------|
| wx <text>       | # Send weather message to local users |
| wx full <text>  | # Send weather to all cluster users   |
| wx sysop <text> | # Send weather to other clusters only |

---

## Command Aliases

DXSpider supports command aliases. Common abbreviations:

### Alias Full Command

|     |           |
|-----|-----------|
| sh  | show      |
| ann | announce  |
| dir | directory |
| acc | accept    |
| rej | reject    |
| c   | connect   |
| d   | directory |