

## W3RGA-1 CC Cluster Commands

### **Address**

The telnet address of the W3RGA-1 CC Cluster node is:

**w3rga.ddns.net** port **7373** (w3rga.ddns.net:7373)

### **Login**

Login with your Callsign and optional SSID.

### **SSID's**

You can make multiple simultaneous connection with the same call (limit of 10), each connection should have a unique SSID.

SSID's -0 through -15 all share the same filtering. (this is great for multiple connections that use the same filter)

SSID's -16 through -99 each has unique filtering. (this is great for having individual filters for specific contests or events)

### **Announcements**

ANNOUNCE	Send an announcement to local Users.
ANNOUNCE/FULL	Send an announcement to all nodes and Users.
SET/ANN	Turn on announcements.
SET/NOANN	Turn off announcements.
SHOW/ANN	Shows the last 20 announcements.
SHOW/MYANN	Shows last 20 announcements allowed by your filter settings.
SET/WX	Turn on the display of weather announcements.
SET/NOWX	Turn off the display of weather announcements.
WX	Send a local weather announcement.
SHOW/WX	Shows the last 20 weather announcements.
SHOW/MYWX	Shows last 20 weather announcements allowed by your filter settings.

### **Talk Messages**

TALK	Send a talk message to someone on the node. (TALK <Callsign> <Message>)
SHOW/USER	Shows the callsigns of everyone connected to the node.
SET/TALK	Turn on the display of talk messages
SET/NOTALK	Turn off the display of talk messages

### **Mail Messages**

DIR	Shows mail messages on the node
DIR/BULLETIN	Shows mail messages to ALL, BULLETIN and anything not to a call
DIR/NEW	Shows only mail messages you haven't seen since your last DIR
DIR/OWN	Shows only mail messages to you including messages to ALL & ones you sent
DIR/SUBJECT	Shows mail messages with subject you enter. (DIR/SUBJECT ARL)
DELETE	Delete mail messages. (DEL (Msg #) or (DEL 1-99)
KILL	Delete mail messages. (K (Msg #) (K 1-99) Deletes your messages from 1 to 99
LIST	Shows mail messages on the node
LIST/NEW	Shows only mail messages you haven't seen since your last DIR or L
LIST/OWN	Shows only mail messages to you including messages to ALL & ones you sent
READ	Read cluster mail. (READ <Message #>) See Mail Send/Receive below
REPLY	Reply without a number following replies to the last mail message you read.
REPLY <#>	Replies to the message with that number given.
REPLY/DELETE	Replies to message and deletes it.
REPLY/DELETE/RR	Replies to message, deletes message and gets a return receipt.
REPLY/RR	Replies to message and gets a return receipt.
SEND <Call>	Sends mail to that callsign.
SEND <LOCAL>	Sends mail to just to local node Users.
SEND <ALL>	Sends mail to all nodes for all Users.

## **Node Settings**

SET/HOME	Tell cluster your home node. (SET/HOME <Node Call>)
SET/LOCATION	Set your location (lat/lon) of your station. (SET/LOCATION 42 17 N 84 21 W)
SET/NAME	Set your name (SET/NAME <First Name>)
SET/QRA	Input your Grid Square. (SET/QRA EN72)
SET/QTH	Set your city and state. (SET/QTH <City, State>) DX <City, Country>
SET/LOGIN	Tells cluster to send USER connects and disconnects.
SET/NOLOGIN	Stops cluster from sending USER connects and disconnects
SHOW/LOG	List all node USER connects and disconnects.
SHOW/LOG <Call>	List connects and disconnects for a specific node user.
SHOW/LOG <IP>	List connects and disconnects for a specific IP address.
SHOW/CL	Node Info and Up-time.
SHOW/VERSION	Shows the CCC and Winsock Versions and Winsock Up-time for connections.
WHO	This command will return a list of connections in alphabetical order.
SHOW/SET	Shows information on the node for your call and how you are setup.
STATUSER	Same as Show/SET
SHOW/CONF	Shows nodes and callsigns of Users, only nodes called LOCAL by Sysop.
SHOW/RES	Shows the number of digits after the decimal point for frequencies
SET/RES 1	Tells CC-Cluster to give you 1 decimal point rounding in DX spots
SET/RES 2	Tells CC-Cluster to give you 2 decimal point rounding in DX spots
SET/WCY	Turn on the display of WCY spots
SET/NOWCY	Turn off the display of WCY spots
SHOW/WCY	Shows last 5 DK0WCY, similar to WWV
SET/WWV	Turn on the display of WWV spots
SET/NOWWV	Turn off the display of WWV spots
SHOW/WWV	Shows WWV info, (SH/WWV) gives last 5 (SH/WWV/99) gives last 99
SET/WIDTH <##>	Sets the line width for DX spots, normally this has been 75 characters.
SHOW/WIDTH	Shows the length of a DX Spot. Normally 75 characters.

## **Disconnect**

BYE Disconnect from the node.

## **Show Info**

SH/STATION <Call>	Shows information saved on the node for a station.
SHOW/SUN	Shows local sunrise and sunset times.
SHOW/SUN <Prefix>	Shows sunrise and sunset times for that area.
SHOW/TIME	Shows GMT time.
SHOW/TIME <Call>	Shows local time for the call.
SHOW/USDB <Call>	Shows State/Province for US/VE calls.
SHOW/HEAD <Call>	Shows heading - distance and bearing for the call.
SHOW/USER	Shows the callsigns of everyone connected to the node.
SHOW/LOG	Shows the last 20 stations to connect or disconnect from the node.
SHOW/LOG <IP>	Shows the last 20 connects or disconnects from an IP-address.
SHOW/LOG <Call>	Shows the last 20 connects or disconnects from a callsigns.
SHOW/LOG <##>	Shows that number of connects or disconnects.

## **DX Spots**

DX	Send a DX spot. (DX <Call> <Frequency>) (DX VE7CC 14035.2)
DXTEST	Echos a test DX spot back to you.
SET/DX	Turn on DX spot announcements
SET/NODX	Turn off DX spot announcements.
SET/BEEP	Turn on a beep for DX and Announcement spots
SET/NOBEEP	Turn off a beep for DX and Announcement spots
SET/BOB	Turn on bottom of band DX spots
SET/NOBOB	Turn off bottom of band DX spots.
SET/DXCQ	Turn on CQ Zone in DX info for DX spots
SET/NODXCQ	Turn off CQ Zone in DX info for DX spots
SET/DXITU	Turn on ITU Zone in DX info for DX spots
SET/NODXITU	Turn off ITU Zone in DX info for DX spots

SET/USSTATE	Turn on US state or Canadian province spotter in DX info for DX spots
SET/NOUSSTATE	Turn off US state or Canadian province spotter in DX info for DX spots
SET/DXGRID	Turn on DX Grids in spot announcements
SET/NODXGRID	Turn off DX Grids in spot announcements
SET/OWN	Turn on skimmer spots for your own call
SET/NOOWN	Turn off skimmer spots for your own call
SET/SKIMMERDUPES	Turn on duplicate skimmer spots for your own call, shows every RBN node hearing you
SET/NOSKIMMERDUPES	Turn off duplicate skimmer spots for your own call
<del>SET/SELF</del>	<del>Turn on self spots by other users</del>
<del>SET/NOSELF</del>	<del>Turn off self spots by other users</del>
SET/SKIMMER	Turn on Skimmer spots
SET/NOSKIMMER	Turn off Skimmer spots
SET/CW	Turn on CW Skimmer spots
SET/NOCW	Turn off CW Skimmer spots
SET/RTTY	Turn on RTTY Skimmer spots
SET/NORTTY	Turn off RTTY Skimmer spots
SET/BEACON	Turn on beacon spots. These are spots ending in "/B" or "BCN"
SET/NOBEACON	Turn off beacon spots. These are spots ending in "/B" or "BCN"
SET/FT8	Turn on FT8 spots
SET/NOFT8	Turn off FT8 spots
SET/FT4	Turn on FT4 spots
SET/NOFT4	Turn off FT4 spots
SET/PSK	Turn on PSK spots
SET/NOPSK	Turn off PSK spots
SET/MSK144	Turn on MSK144 spots
SET/NOMSK144	Turn off MSK144 spots

## Show DX

SHOW/DX	Shows last 20 spots
SHOW/DX <Call>	Shows last 20 spots for that call
SHOW/DX/<##>	Shows that number of spots. SH/DX/99
SHOW/DX <Band>	Shows last 20 spots on that band. SH/DX 40 for 40 meters, etc.
SHOW/DX/ <Freq>	Shows spots by frequency range. Syntax = SH/DX 7020-7130
SHOW/DX <prefix*>	Shows all spots for a country, asterisk needed (SHOW/DX KL*) <a href="#">CTY.DAT</a>
SHOW/DX 'comment'	Shows spots where the comment = comment (SHOW/DX 'rtty')
SHOW/DXBY <call>	Shows spots where spotter = Call (SHOW/DXBY AA3B)
SHOW/FDX	Shows real time formatted dx spots.
SHOW/MYDX	Shows last 20 spots allowed by your filter settings
SHOW/MYDX<Call>	Shows last 20 spots for the call allowed by your filter settings.
SHOW/MYDX <##>	Shows that number of spots allowed by your filter. SH/MYDX/99
SHOW/MYDX <Band>	Shows spots on that band allowed by your filter settings.
SHOW/MYFDX	Shows last 20 spots allowed by your filter settings in real-time format.

## DX Spot Filter Settings

Please consider using the free CC User program available [HERE](#). This is the easiest way to set your filters. I have some information [HERE](#) about using CC User.

## DX Spot Filter Commands

SET/NOFILTER	Resets all filters to default. (Use this before creating a new filter)
SET/FILTER K,VE/PASS	Only pass spots from spotters in K and VE (DX Spots, Announcements & WX)
SHOW/FILTER	Shows how your filters are set.
SET/FILTER KEYWORD/OFF	Turns off the keyword filter.
SET/FILTER KEYWORD/PASS	Only show spots containing keywords (SET/FILTER KEYWORD/PASS CW,RTTY)
SET/FILTER KEYWORD/REJ	Reject spots containing keywords (SET/FILTER KEYWORD/REJ POTA,SOTA)
Country prefixes	For the Spotter Country and DX Country use prefixes listed in AD1C's <a href="#">CTY.DAT</a>
SET/FILTER DOC/OFF	Turn off the spotter country filter.
SET/FILTER DOC/PASS	Pass spots from spotters in select countries (SET/FILTER DOC/PASS VE,XE)
SET/FILTER DOC/REJECT	Reject spots from spotters in select countries (SET/FILTER DOC/REJECT EA,I)
SET/FILTER DXCTY/OFF	Turn off the DX country filter.

SET/FILTER DXCTY/PASS Pass spots from DX in select countries (SET/FILTER DXCTY/PASS K,VE,XE)  
 SET/FILTER DXCTY/REJECT Reject spots from DX in select countries (SET/FILTER DXCTY/REJECT K,VE)  
 States and Provinces States can be the Lower 48 and DC as well as the 13 Provinces.  
 SET/FILTER DOS/OFF Turn off the spotter state filter.  
 SET/FILTER DOS/PASS Pass spots from spotters in select states (SET/FILTER DOS/PASS PA,NJ,NY)  
 SET/FILTER DOS/REJECT Reject spots from spotters in select states (SET/FILTER DOS/REJECT ME,NH)  
 SET/FILTER DXSTATE/OFF Turn off the DX state filter.  
 SET/FILTER DXSTATE/PASS Pass spots from DX in select states (SET/FILTER DXSTATE/PASS PA,NJ,NY)  
 SET/FILTER DXSTATE/REJECT Reject spots from DX in select states (SET/FILTER DXSTATE/REJECT ME,NH)

### **DX Spot Band Segment Filtering**

SH/FILTER DXBM Will show what is currently in your rejection list.  
 SET/FILTER DXBM/REJECT This will **add** segments to your rejection list.  
 SET/FILTER DXBM/PASS This will **remove** segments from your rejection list.

#### DXBM Segment list

<u>Band/Mode</u>	<u>Low</u>	<u>High</u>
160-CW	1800	1850
160-SSB	1850	2000
160	1800	2000
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80-CW	3500	3580
80-RTTY	3580	3600
80-SSB	3600	4000
80	3500	4000
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60	5258	5407
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40-CW	7000	7040
40-RTTY	7040	7100
40-SSB	7100	7300
40	7000	7300
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30-CW	10100	10130
30-RTTY	10130	10150
30	10100	10150
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20-CW	14000	14070
20-RTTY	14070	14150
20-SSB	14150	14350
20	14000	14350
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17-CW	18068	18100
17-RTTY	18100	18110
17-SSB	18110	18168
17	18068	18168
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15-CW	21000	21070
15-RTTY	21070	21200
15-SSB	21200	21450
15	21000	21450
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12-CW	24890	24920
12-RTTY	24920	24930
12-SSB	24930	24990
12	24890	24990
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10-CW	28000	28070
10-RTTY	28070	28300

10-SSB	28300 29700
10	28000 29700
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6	50000 54000
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2	144000 148000
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1	220000 224000
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70	420000 450000
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MW-MW	500000 21000000
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### **Filter Suggestions**

I have a few filter suggestions available.

<https://w3rga.org/cc-cluster-filters>

### **Node Information**

<https://w3rga.org/cluster.html>

### **Email**

Contact me with any questions or comments

[w3rga@w3rga.org](mailto:w3rga@w3rga.org)