



## CC User (aka VE7CC)

By Gary Swartout K7GS & Mel Ming N7GCO

### Features:

- ✓ **Free, Stand Alone spotting program** created by one man, VE7CC.
- ✓ **User support group** - <https://groups.io/g/CC-User>
- ✓ **DX and/or Stateside** very selective
- ✓ **All Bands** 2 meter through 160 meter, all or any
- ✓ **All Modes** Skimmers if you want (currently CW and RTTY). They have "#" tacked on the END of the skimmers callsign
- ✓ **You Select the Spots you want** -- by spotter's country or state and/or by the DX country and/or band

### Screen Shots:

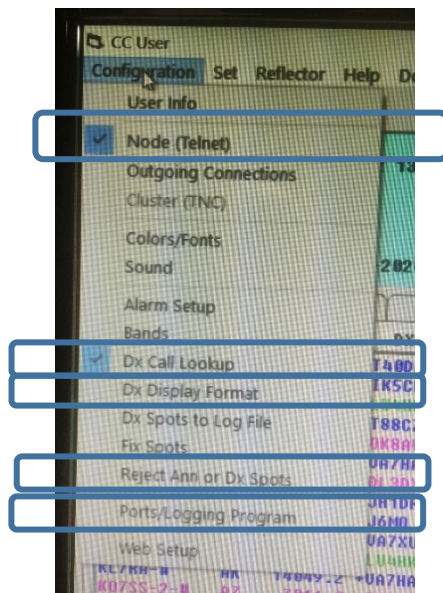
#### 1. Configuration User Screen:

The screenshot shows a 'User Info' configuration window. It contains several input fields for user information. Fields labeled in red (My Call, Name, QTH, Cluster) are required. Other fields are optional. The window includes an 'Exit' button and an 'Ok' button. A note at the bottom states: 'Items in RED are required. Other items are optional.'

User Info					
<b>My Call</b>			<b>Cluster Password (if req)</b>		
K7GS					
<b>Name</b>			<b>GMT Offset</b>		
gary			0		
<b>QTH</b>			<b>Grid Square</b>		
Spokane WA			DN17GQ		
<b>Cluster</b>					
WS7I-1					
<b>E-Mail Address</b>					
k7gs@msn.com					
<b>Latitude</b>			<b>Longitude</b>		
Deg	Min	N/S	Deg	Min	E/W
47	40	N	117	29	W
Items in RED are required. Other items are optional.					
				Exit	
				Ok	

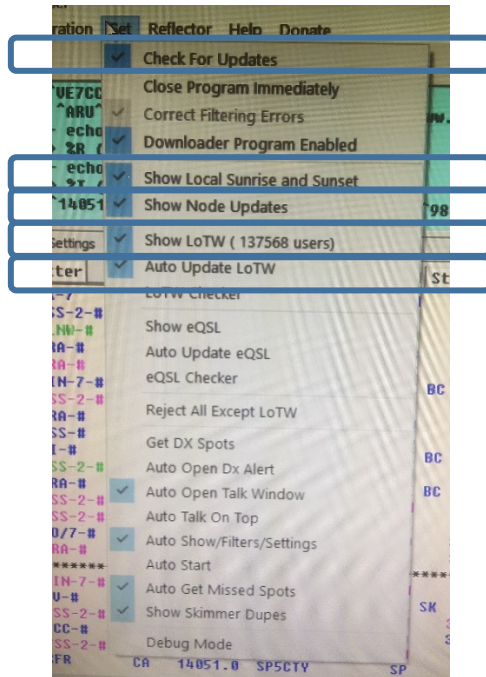


## 2. Configuration Menu





### 3. Set Menu





#### 4. Settings Screen:

Configuration Set Reflector Help Donate

WS7I-1

```
-> %T (WS7I-1)
CC11^14008.1^UA7XU^20-Jan-2020^21532^CW 23 dB 19 WPM CQ^N00I-#^1^^RBN^2^3^6^3^BC^CA
CC11^21013.9^LU4HK^20-Jan-2020^21532^CW 6 dB 24 WPM CQ^K07SS-2-#^1^^RBN^14^13^6^3^
CC11^14049.2^UA7HA^20-Jan-2020^21532^CW 16 dB 13 WPM CQ^KL7RA-#^1^^RBN^2^3^1^1^BC^A
<- echo %T (WS7I-1)
-> %T (WS7I-1)
<- echo %R (WS7I-1)
```

##### Settings

Settings @ WS7I-1

<input checked="" type="checkbox"/> DX Spots	<input checked="" type="checkbox"/> 2 dig	<input checked="" type="checkbox"/> Announce
<input type="checkbox"/> BoB=Ann	<input checked="" type="checkbox"/> BoB	<input checked="" type="checkbox"/> Wx Ann
<input type="checkbox"/> State	<input type="checkbox"/> CQ	<input checked="" type="checkbox"/> Talk
<input type="checkbox"/> Grid	<input type="checkbox"/> ITU	<input type="checkbox"/> Bell
<input checked="" type="checkbox"/> WWV	<input type="checkbox"/> WCY	<input type="checkbox"/> Logins
<input type="checkbox"/> Beacon		<input type="checkbox"/> Self
<input checked="" type="checkbox"/> Skimmer	<input checked="" type="checkbox"/> SkOwn	<input checked="" type="checkbox"/> Sk Dupe
<input type="button" value="Ask Cluster"/>		<input type="button" value="Tell Cluster"/>

Display Options

☒ All  
☐ Primary  
☐ DX Spots  
☐ Off

Updater

Program Version	3.024
LoTW	137568
eQSL	
States + Provinces	65
<input type="button" value="Download Ver. 3"/> <input type="button" value="Help"/> <input type="button" value="Ver 2"/> <input type="button" value="Check"/>	

Technical Stuff

Skimmer Dupes

User Information @ WS7I-1

Name	Grid
<input type="text" value="gary"/>	<input type="text" value="DN17GQ"/>
QTH	
<input type="text" value="Spokane WA"/>	
Usual DX Cluster	
<input type="text" value="WS7I-1"/>	
Location	
<input type="text" value="47 40 N 117 29 W"/>	
<input type="button" value="Ask Cluster"/>	

Keywords @ WS7I-1

Current Cluster Filter

Keyword List

☐ Pass ☐ Reject  
☒ Off



## 5. Country Screen:

CC User

Configuration Set Reflector Help Donate

**WS7I-1**

```
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)
<- echo %T (WS7I-1)
-> %T (WS7I-1)
CC11^7011.0^0N4ATW^20-Jan-2020^2200Z^CW 10 dB 27 WPM CQ^K07SS-2-#^1^^RBN^27^14^6^3^^AZ^0N^K^J020^ ^24^50.
sh/Filter DOC (WS7I-1)
DX Spot Orig Cty Filter/All set to Pass: K,KL,VE (WS7I-1)
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)
```

Settings Country State Bands Users DX = 1 WWV Login

**Filter settings @ WS7I-1**

<input type="checkbox"/> 4U1U	<input type="checkbox"/> FO/C	<input type="checkbox"/> J7	<input type="checkbox"/> PJ5	<input type="checkbox"/> VP2M
<input type="checkbox"/> 6Y	<input type="checkbox"/> FP	<input type="checkbox"/> J8	<input type="checkbox"/> PJ7	<input type="checkbox"/> VP2V
<input type="checkbox"/> 8P	<input type="checkbox"/> FS	<input checked="" type="checkbox"/> K	<input type="checkbox"/> TG	<input type="checkbox"/> VP5
<input type="checkbox"/> C6	<input type="checkbox"/> HH	<input type="checkbox"/> KG4	<input type="checkbox"/> TI	<input type="checkbox"/> VP9
<input type="checkbox"/> CM	<input type="checkbox"/> HI	<input checked="" type="checkbox"/> KL	<input type="checkbox"/> TI9	<input type="checkbox"/> XE
<input type="checkbox"/> CY0	<input type="checkbox"/> HK0/A	<input type="checkbox"/> KP1	<input type="checkbox"/> V2	<input type="checkbox"/> XF4
<input type="checkbox"/> CY9	<input type="checkbox"/> HP	<input type="checkbox"/> KP2	<input type="checkbox"/> V3	<input type="checkbox"/> YN
<input type="checkbox"/> FG	<input type="checkbox"/> HR	<input type="checkbox"/> KP4	<input type="checkbox"/> V4	<input type="checkbox"/> YS
<input type="checkbox"/> FJ	<input type="checkbox"/> J3	<input type="checkbox"/> KP5	<input checked="" type="checkbox"/> VE	<input type="checkbox"/> YV0
<input type="checkbox"/> FM	<input type="checkbox"/> J6	<input type="checkbox"/> OX	<input type="checkbox"/> VP2E	<input type="checkbox"/> ZF

☐ NA 3 ☐ EU ☐ AF ☐ AS ☐ SA ☐ OC

**Filter Type**

☒ Spotter Cty ☐ DX Country ☐ Announce ☐ Weather

☐ Pass ☐ Reject

**Band**

☒ All ☐ Defined

160 80 40 30 20 17 15 12 10 6 2

## 6. State Screen:

Configuration Set Reflector Help Donate

**WS7I-1**

```
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)
<- echo %T (WS7I-1)
-> %T (WS7I-1)
CC11^7011.0^0N4ATW^20-Jan-2020^2200Z^CW 10 dB 27 WPM CQ^K07SS-2-#^1^^RBN^27^14^6^3^^AZ^0N^K^J020^ ^24^50.
sh/Filter DOC (WS7I-1)
DX Spot Orig Cty Filter/All set to Pass: K,KL,VE (WS7I-1)
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)
```

Settings Country **State** Bands Users DX = 1 WWV Login

**Filter settings @ WS7I-1**

W1	W2	W3	W4	W5	W6	W7	W8	W9	W0	VE
<input type="checkbox"/> CT	<input type="checkbox"/> NJ	<input type="checkbox"/> DC	<input type="checkbox"/> AL	<input type="checkbox"/> AR	<input checked="" type="checkbox"/> CA	<input checked="" type="checkbox"/> AZ	<input type="checkbox"/> MI	<input type="checkbox"/> IN	<input type="checkbox"/> CO	<input type="checkbox"/> NB
<input type="checkbox"/> MA	<input type="checkbox"/> NY	<input type="checkbox"/> DE	<input type="checkbox"/> GA	<input type="checkbox"/> LA	<input type="checkbox"/> MS	<input checked="" type="checkbox"/> ID	<input type="checkbox"/> OH	<input type="checkbox"/> IL	<input type="checkbox"/> IA	<input type="checkbox"/> NS
<input type="checkbox"/> ME		<input type="checkbox"/> MD	<input type="checkbox"/> KY	<input type="checkbox"/> NM		<input checked="" type="checkbox"/> MT	<input type="checkbox"/> WV	<input type="checkbox"/> WI	<input type="checkbox"/> KS	<input type="checkbox"/> PE
<input type="checkbox"/> NH		<input type="checkbox"/> PA	<input type="checkbox"/> NC	<input type="checkbox"/> TN		<input checked="" type="checkbox"/> NV			<input type="checkbox"/> MN	<input type="checkbox"/> NL
<input type="checkbox"/> RI			<input type="checkbox"/> FL	<input type="checkbox"/> OK		<input checked="" type="checkbox"/> OR			<input type="checkbox"/> MO	<input type="checkbox"/> QC
<input type="checkbox"/> VT			<input type="checkbox"/> SC	<input type="checkbox"/> TX		<input checked="" type="checkbox"/> WA			<input type="checkbox"/> NE	<input type="checkbox"/> ON
			<input type="checkbox"/> TN			<input checked="" type="checkbox"/> WY			<input type="checkbox"/> ND	<input type="checkbox"/> MB
			<input type="checkbox"/> VA			<input checked="" type="checkbox"/> UT			<input type="checkbox"/> SD	

**Filter Type**

☒ Spotter State ☐ DX State ☐ Announce ☐ Weather

☐ Pass ☐ Reject

**Band**

☒ All ☐ Defined

160 80 40 30 20 17 15 12 10 6 2





## 7. Bands

Configuration Set Reflector Help Donate

**WS7I-1**

<- echo %T (WS7I-1)  
-> %T (WS7I-1)  
CC11^7011.0^0N4ATW^20-Jan-2020^2200Z^CW 10 dB 27 WPM CQ^K07SS-2-#^1^^RBN^27^14^6^3^^AZ^0N^K^J020^ ^  
sh/Filter DOC (WS7I-1)  
DX Spot Orig Cty Filter/All set to Pass: K, KL, UE (WS7I-1)  
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)  
CC11^7028^DL3DXX^20-Jan-2020^2201Z^CW 10 dB 29 WPM CQ^K07SS-2-#^1^^RBN^28^14^6^3^^AZ^DL^K^J061^ ^24

SettingsCountryStateBands/KeyUsersDX = 2WWW

Live Spots

LowHigh

☐ 18001850

LowHigh

☐ 35003580

LowHigh

☐ 70007040

LowHigh

☐ 1010010130

LowHigh

☐ 1400014070

LowHigh

☐ 1806818100

LowHigh

☐ 2100021070

LowHigh

☐ 2489024920

LowHigh

☐ 2800028070

LowHigh

☐ 5000050080

LowHigh

☒ 144000144100

LowHigh

☐ 35803600

LowHigh

☐ 70407100

LowHigh

☐ 1013010150

LowHigh

☐ 1407014150

LowHigh

☐ 1810018110

LowHigh

☐ 2107021200

LowHigh

☐ 2492024930

LowHigh

☐ 2807028300

LowHigh

☐ 5008050500

LowHigh

☒ 144100144500

LowHigh

☐ 18502000

LowHigh

☐ 36004000

LowHigh

☐ 71007300

LowHigh

☐ 1415014350

LowHigh

☐ 1811018168

LowHigh

☐ 2120021450

LowHigh

☐ 2493024990

LowHigh

☐ 2830029700

LowHigh

☐ 5050054000

LowHigh

☒ 144500148000

☐ Pass☒ Reject

DefaultAsk ClusterTell ClusterHelp

Time Filter

Band

☐ 160

☐ 80

☐ 40

☐ 30

☐ 20

☐ 17

☐ 15

☐ 12

☐ 10

☐ 6

☐ 2

Missed Spots

☒ Enabled

# Spots100

Filter by

☒ My Filter☐ Call

Time0.09

# Rx43

Test

Keywords

Current Cluster Filter

OFF

Keyword List

AddRemove

Filter Status

☐ Pass☐ Reject☒ Off

AskTellHelp

AskTell

## 8. Login Screen

Configuration Set Reflector Help Donate

WS7I-1

Sunrise Sunset Sunset 20 Jan  
15:29Z 00:31Z -2:27 22:04:26

K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)  
CC11^7028^DL3DXX^20-Jan-2020^2201Z^CW 10 dB 29 WPM CQ^K07SS-2-#^1^^RBN^28^14^6^3^^AZ^DL^K^J061^ ^24^51.5/-13^ (WS7I-1)  
CC11^14010.1^JH10RF^20-Jan-2020^2202Z^CW 11 dB 22 WPM CQ^K2P0/7-#^1^^RBN^45^25^6^3^^OR^JA^K^CH05^24^35.68/-139.68^ (WS7I-1)  
<- echo %T (WS7I-1)  
-> %T (WS7I-1)  
CC11^7024.4^HL2BM^20-Jan-2020^2203Z^CW 5 dB 24 WPM CQ^KL7RA-#^1^^RBN^44^25^1^1^^AK^HL^K^BP40^24^36.23/-127.9^ (WS7I-1)  
CC11^7011^0N4ATW^20-Jan-2020^2203Z^CW 8 dB 28 WPM CQ^N6VIN-7-#^1^^RBN^27^14^6^3^^CA^0N^K^J020^DH14^24^50.5/-5^ (WS7I-1)

SettingsCountryStateBands/KeyUsersDX = 1WWWLoginAnn = 2Wx PlusMail

WS7I Cluster Spokane, WA

set/skinner to enable skimmers both cw and RTTY; set/noskimmer to disable

FT4 or FT8 spots are off by default; SET/FT4 or SET/FT8 to turn them on.

SET/NOFT4 or UNSET/FT4 and SET/NOFT8 or UNSET/FT8 will turn them off.

SET/NOCW will turn CW Skimmer spots off.

Running CC Cluster software version 3.118

login:  
K7GS-1

Hello gary.

Cluster: 17 nodes 5 Locals 1215 Total users Uptime 21 days 3:22



## 9. User Screen:

Configuration Set Reflector Help Donate

**WS7I-1**

```
<- echo %T (WS7I-1)
-> %T (WS7I-1)
CC11^7011.0^ON4ATW^20-Jan-2020^2200Z^CW 10 dB 27 WPM CQ^K07SS-2-#^1^^RBN^27^1.
sh/filter DOC (WS7I-1)
DX Spot Orig Cty Filter/All set to Pass: K,KL,UE (WS7I-1)
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)
CC11^7028^DL3DXX^20-Jan-2020^2201Z^CW 10 dB 29 WPM CQ^K07SS-2-#^1^^RBN^28^14^
```

Settings Country State Bands/Key Users

Local Users = 5 Peak = 5

Talk Sysop Skimmers Nodes All Users Locals

Node	Connected Stations
WS7I-1	AJ8B K7GS-1 K7HRT-3 KL4C KZ1W

## 10. DX Screen: (all selections made by you)

Configuration Set Reflector Help Donate

**WS7I-1** Sunrise Sunset 20 Jan 15:29Z 00:31Z -2:28 22:03:22

```
-> %T (WS7I-1)
CC11^7011.0^ON4ATW^20-Jan-2020^2200Z^CW 10 dB 27 WPM CQ^K07SS-2-#^1^^RBN^27^14^6^3^^AZ^ON^K^J020^ ^24^50.7/-4.85^ (WS7I-1)
sh/filter DOC (WS7I-1)
DX Spot Orig Cty Filter/All set to Pass: K,KL,UE (WS7I-1)
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)
CC11^7028^DL3DXX^20-Jan-2020^2201Z^CW 10 dB 29 WPM CQ^K07SS-2-#^1^^RBN^28^14^6^3^^AZ^DL^K^J061^ ^24^51.5/-13^ (WS7I-1)
CC11^14010.1^JH1DRF^20-Jan-2020^2202Z^CW 11 dB 22 WPM CQ^K2P0/7-#^1^^RBN^45^25^6^3^^OR^JA^K^CN85^24^35.68/-139.68^ (WS7I-1)
```

Settings Country State Bands/Key Users DX WWW Login Ann = 2 Wx Plus Mail

Spotter	St	Freq	DX	DxQTH	St	Deg	mile	Time	Day	Lock	DX	Skinner
UE7CC-#	BC	10107.0	IK5ZUW	I	35	5403	21182	20	ITALY: CW 11 dB 19 WPM CQ		ALL	122
WA7LMW-#	UT	14024.8	+UE3FAL	+UE	ON	77	1308	21192	20	CANADA: CW 7 dB 16 WPM CQ	80	2
N6VIN-7-#	CA	7004.9	+A041	+40	31	5673	21192	20	MONTENEGRO: CW 7 dB 30 WPM CQ	80	2	
KL7RA-#	AK	7026.1	+JH1DRF	+JA	304	4974	21212	20	JAPAN: CW 9 dB 22 WPM CQ	40	25	
KH81-1-#	AZ	1816.0	IG9/S57DX	IG9	39	5910	21222	20	AFRICAN ITALY (WAE Country): CW 44 dB 35 WPM CQ	30	9	
N6VIN-7-#	CA	7002.7	+A041	+40	31	5673	21242	20	MONTENEGRO: CW 5 dB 29 WPM CQ	20	77	
K07SS-2-#	AZ	14090.2	IK5SCL	I	35	5393	21242	20	ITALY: RTTY 11 dB CQ	17	4	
K6VK-7	CA	14010.0	1400SXE	CH	118	2751	21292	20	CUBA: I don't hear nothing	15	2	
K07SS-2-#	AZ	14090.2	IK5SCL	I	35	5393	21382	20	ITALY: RTTY 10 dB CQ	12	1	
WA7LMW-#	UT	21013.9	+LUAHK	+LU	137	6365	21382	20	ARGENTINA: CW 6 dB 24 WPM CQ	10	1	
KL7RA-#	AK	14015.2	108CZ	TR	280	6658	21392	20	PALAU: CW 2 dB 22 WPM CQ	6		
KL7RA-#	AK	7013.6	+OK8AV	+OK	30	5151	21432	20	CZECH REPUBLIC: CW 9 dB 23 WPM CQ	2		
N6VIN-7-#	CA	14050.0	+UA7HA	+UE	BC	331	308	21462	20	CANADA: CW 32 dB 13 WPM CQ	6	
K07SS-2-#	AZ	7028.0	+DL3DXX	+DL	30	4987	21462	20	FED. REP. OF GERMANY: CW 13 dB 28 WPM CQ	2		
KL7RA-#	AK	14010.3	+JH1DRF	+JA	304	4974	21482	20	JAPAN: CW 3 dB 22 WPM CQ	Alarm		
K07SS-#	AZ	14019.0	J6HQ	J6	106	3969	21502	20	ST. LUCIA: CW 18 dB 12 WPM CQ	GMF: Quiet		
N001-#	CA	14008.1	UA7XU	UE	BC	326	414	21532	20	CANADA: CW 23 dB 19 WPM CQ	SFI=71 A=3 K=0	
K07SS-2-#	AZ	21013.9	+LUAHK	+LU	137	6365	21532	20	ARGENTINA: CW 6 dB 24 WPM CQ			
KL7RA-#	AK	14049.2	+UA7HA	+UE	BC	331	308	21532	20	CANADA: CW 16 dB 13 WPM CQ		
*****												
K07SS-2-#	AZ	7011.0	+ON4ATW	+ON	35	4830	22002	20	BELGIUM: CW 10 dB 27 WPM CQ			
K07SS-2-#	AZ	7028.0	+DL3DXX	+DL	30	4987	22012	20	FED. REP. OF GERMANY: CW 10 dB 29 WPM CQ			
K2P0/7-#	OR	14010.1	+JH1DRF	+JA	304	4974	22022	20	JAPAN: CW 11 dB 22 WPM CQ			

Log Alarm Clear Sound Ann Spot Clear ALL Get ALL

- ✓ Spotter and his state
- ✓ Frequency of the spot
- ✓ Spot's call
- ✓ QTH
- ✓ Bearing
- ✓ Distance
- ✓ Time
- ✓ Day
- ✓ Spot's country
- ✓ Comments



## 11. WWV Screen

### WWV reports, text, Grey Line

Configuration Set Reflector Help Donate

WS7I-1 Sunrise 15:29Z Sunset 00:31Z Sunset 20 Jan 22:03:51

DX Spot Orig Cty Filter/All set to Pass: K, KL, UE (WS7I-1)  
K7GS-1 de WS7I-1 20-Jan-2020 2200Z CCC > (WS7I-1)  
CC11^7028^DL3DXX^20-Jan-2020^2201Z^CW 10 dB 29 WPM CQ^K07SS-2-#^1^RBN^20^14^6^3^A2^DL^K^J061^ ^24^51.5/-13^ (WS7I-1)  
CC11^14010.1^JH10RF^20-Jan-2020^2202Z^CW 11 dB 22 WPM CQ^K2P0/7-#^1^RBN^45^25^6^3^OR^JA^K^CN85^24^35.68/-139.68^ (WS7I-1)  
<- echo %T (WS7I-1)  
>- %T (WS7I-1)  
CC11^7024.4^HL2BN^20-Jan-2020^2203Z^CW 5 dB 24 WPM CQ^KL7RA-#^1^RBN^44^25^1^1^AK^HL^KL^BP40^24^36.23/-127.9^ (WS7I-1)

Settings	Country	State	Bands/Key	Users	DX	WWV	Login	Ann = 2	Wx Plus	Mail
Date	Hour	SFI	A	K	Forecast					
20-Jan-2020	21	71	3	0	No Storms -> No Storms	<W0MU>				Sunrise 15:29Z
20-Jan-2020	18	72	3	0	No Storms -> No Storms	<W0MU>				Sunset 00:31Z
20-Jan-2020	15	72	3	0	No Storms -> No Storms	<U6AAA>				Get Sun
20-Jan-2020	12	72	3	0	No Storms -> No Storms	<U6AAA>				5 Spots
20-Jan-2020	9	72	3	0	No Storms -> No Storms	<UE7CC>				25 Spots
20-Jan-2020	6	72	3	1	No Storms -> No Storms	<W0MU>				100 Spots

Get Sun  
5 Spots  
25 Spots  
100 Spots  
ClearWWV  
WWV Text  
WWV Help  
Grey Line  
WWV  
WCY

CC User Configuration Set Reflector Help Donate

WS7I-1 Sunrise 14:48Z Sunset 00:19Z Sunrise 10 Nov 19:20:41

CC11^14032.1^EA8DIG^10-Nov-2019^1917^CW 11 dB 24 WPM CQ^N7TR-#^RBN^SK1MMR^36^33^6^3^NU^EA8^K^DM09^28.32/15.85^ (WS7I-1)  
<- echo %T (WS7I-1)  
>- %T (WS7I-1)  
CC11^14098.6^YU5AAX^10-Nov-2019^1917^RTTY 19 dB CQ^N7TR-#^RBN^SK1MMR^12^09^6^3^NU^YU^K^FK60^DM09^10.5/67^ (WS7I-1)  
CC11^21103.0^ZX2U^10-Nov-2019^1917^RTTY 10 dB CQ^N7TR-#^RBN^SK1MMR^15^11^6^3^NU^PY^K^DM09^-10/53^ (WS7I-1)  
CC11^14090.9^PT2AW^10-Nov-2019^1919^RTTY 13 dB CQ^UE7CC-#^RBN^SK1MMR^13^11^2^3^BC^PY^UE^GH64^CN89^-15.5/47^ (WS7I-1)  
CC11^21110.7^PP1CZ^10-Nov-2019^1920^RTTY 11 dB CQ^N7TR-#^RBN^SK1MMR^15^11^6^3^NU^PY^K^GG99^DM09^-20.5/41^ (WS7I-1)  
CC11^21102.1^PY2UZ^10-Nov-2019^1920^RTTY 11 dB CQ^N7TR-#^RBN^SK1MMR^15^11^6^3^NU^PY^K^GG58^DM09^-21.5/49^ (WS7I-1)

Settings	Country	State	Bands/Key	Users	DX = 1	WWV	Login	Ann = 35	Wx Plus	Mail
Date	Hour	SFI	A	K	Forecast					

This map will automatically refresh every 5 minutes.  
The current time is: 19:18 UTC on Sunday, November 10, 2019

Get Sun  
5 Spots  
25 Spots  
100 Spots  
ClearWWV  
WWV Text  
WWV Help  
Grey Line  
WWV  
WCY





## 12. Announcements Screen

CC User N7GCO @ VE7CC-1 (CC Cluster)

Configuration Set Reflector Help Donate

\*\*\*Connected to: VE7CC-1 Disconnect 17 Jan 00:28:57

15-Jan 0727Z ALL IK7JTF: ALL ON REMOTE RX AT THIS TIME  
15-Jan 1230Z ALL IW1QLH: CLUSTER: cluster.hrdlog.net on port 7300  
15-Jan 1600Z ALL I2UUA: sry prova  
15-Jan 1601Z ALL IK1RGK: prova prova  
16-Jan 0042Z ALL UK3UY: QSL from OC-111 received today VJ0RRRC Tks Serge  
16-Jan 1800Z ALL SU5BYR: SU5FRI-1 DXCluster: telnet dxc.sv5fri.eu 7300  
16-Jan 2333Z ALL F6ARC: I would say 404T, not U04T ;-)  
N7GCO de VE7CC-1 17-Jan-2020 0028Z CCC >

Settings	Country	State	Bands/Key	Users	DX	WWW	Login Msg	Ann	Wx Plus	Mail
14-Jan 0659Z ALL	IK5ZUK:	DxSpider Node IK5ZUK-6 Telnet ik5zuk.ddns.net port 8000	14-Jan-2020 0700Z							
14-Jan 0759Z ALL	IK5ZUK:	DxSpider Node IK5ZUK-6 Telnet ik5zuk.ddns.net port 8000	14-Jan-2020 0800Z							
14-Jan 0859Z ALL	IK5ZUK:	DxSpider Node IK5ZUK-6 Telnet ik5zuk.ddns.net port 8000	14-Jan-2020 0900Z							
14-Jan 0959Z ALL	IK5ZUK:	DxSpider Node IK5ZUK-6 Telnet ik5zuk.ddns.net port 8000	14-Jan-2020 1000Z							
14-Jan 1200Z ALL	SR2PUT:	DxSpider Cluster + RBN/Skimmer: <a href="http://klub.sp2put.pl">http://klub.sp2put.pl</a> / telnet klub.sp2put.pl 7300								
14-Jan 1324Z ALL	I2YBC:	telefonato ad ari x una info ...chiusa la segreteria solo di mattina 78 euro schifo								
14-Jan 1659Z ALL	ON0LLU:	Dxcluster: ON0LLU-5 Telnet: on0llu.ddns.net:7300								
14-Jan 1733Z ALL	SM5LNE:	To ON3MK : Should be K3V/1 73 de Jan								
14-Jan 1906Z ALL	I2YBC:	molti si collegano al cluster ..per farsi pubblicita'? e poi non ci sono.								
14-Jan 2119Z ALL	R3THJ:	????? ????? ????? ?? 80 ?.								
15-Jan 0727Z ALL	IK7JTF:	ALL ON REMOTE RX AT THIS TIME								
15-Jan 1230Z ALL	IW1QLH:	CLUSTER: cluster.hrdlog.net on port 7300								
15-Jan 1600Z ALL	I2UUA:	sry prova								
15-Jan 1601Z ALL	IK1RGK:	prova prova								
16-Jan 0042Z ALL	UK3UY:	QSL from OC-111 received today VJ0RRRC Tks Serge								
16-Jan 1800Z ALL	SU5BYR:	SU5FRI-1 DXCluster: telnet dxc.sv5fri.eu 7300								
16-Jan 2333Z ALL	F6ARC:	I would say 404T, not U04T ;-)								

< >

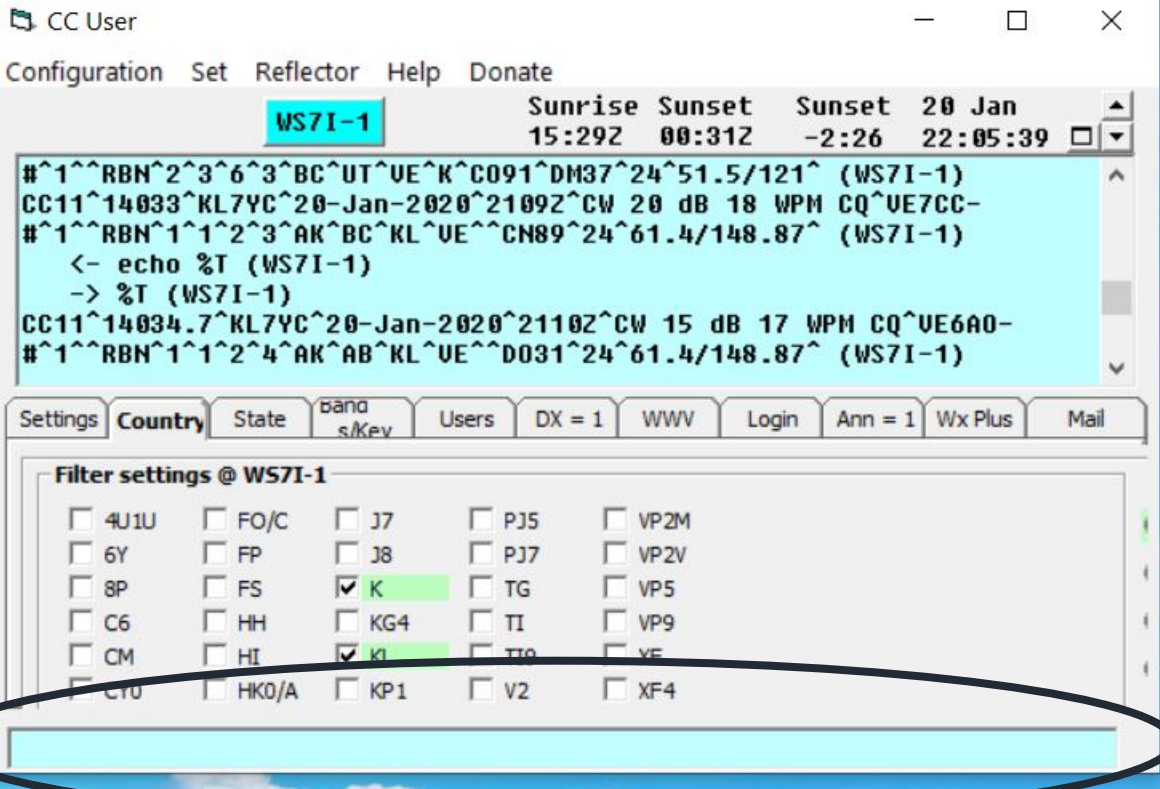
Get My Ann  
Announce  
Clear

## 13. Mail (between users)



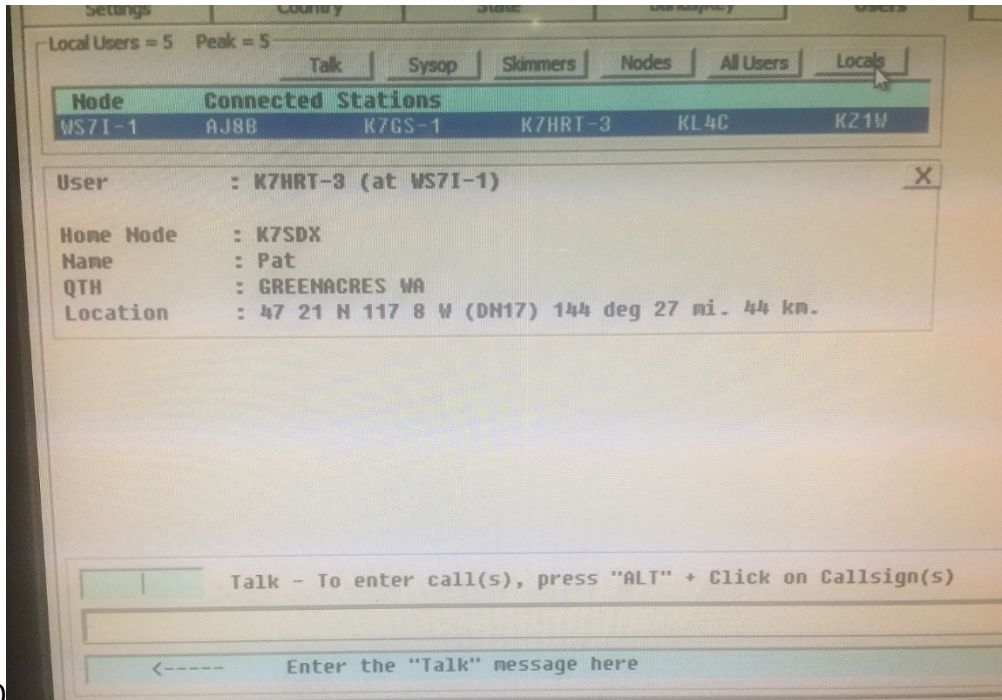
## OTHER FEATURES:

**1. Command Bar** – Commands ie. "Show/dx P5, DX 14200 P5AA up 15,...." (See list of commands in Appendix)





## 2. Chat/Talk



## 3. My sun rise/set

## 4. QRZ pages of any callsign. Just click.

## 5. LOTW Participants (Shown with + sign ahead of spot's callsign)

## 6. Logging Program Interface with most contest and logging programs

## 7. Telnet or RF Connection (Thousands of nodes to connect with worldwide. VHF/UHF Packet too)

## 8. Setup Customized by you on each node. Varied filtering on each for different purposes.

## 9. FT4, FT8m PSK Spots on some Cluster Nodes – Can be filtered in/out with keyword filter

## Program Download and Installation Instructions:

"[www.BCdxc.org/ve7cc](http://www.BCdxc.org/ve7cc)"

Free but donations gladly accepted

## LOCAL NODES

WS7I-1 WS7I.ewarg.org Port 7300



## A Couple of Command Shared by Jay (WS7I)

### FOR FT8/FT4 (These are turned off by default)

To turn on FT8 or FT4 – On the command line type SET/FT4 or SET/FT8

To turn off FT8 or FT4 – On the command line type Set/NOFT4 or SET/NOFT8 or UNSET/FT4 or UNSET/FT8

### FOR CW

To turn on CW Skimmer Spots – SET/CW

To turn off CW Skimmer Spots – SET/NOCW

Example: You are wanting to see spots for a State you need. It is a three step process.

Step #1 On the Country Tab: (You are setting where the Spot is coming from)

- Set you want only spots from US (K) and Canada (VE)
- Set NA (North America)
- Set Filter type – Spotter City
- Set Bands you want
- Check Tell Cluster

The screenshot shows the 'CC User' application window. The 'Country' tab is selected, displaying a list of countries with checkboxes for selection. The 'NA' (North America) checkbox is checked, and a red arrow points to it. Below the country list, the 'Tell Cluster' checkbox is also checked, with a red arrow pointing to it. The 'Filter Type' section on the right shows 'Spotter City' selected. The 'Band' section on the right shows 'All' selected. The 'Settings' section at the bottom includes buttons for 'Ask Cluster', 'Tell Cluster', 'Set Band to Default', 'Set', 'Clear', and 'Help'.

CC User Configuration Set Reflector Help Donate

AESE Sunrise 13:23Z Sunset 23:44Z Sunrise +1:50 21 Jan 15:14:15

CC11^7004.0^YU1XA^21-Jan-2020^15072^R9XH^28^I28HW-6^UA4CC^28^15^20^17^VU^UA^JH93^LP51^0^h3.5/-19^05.52.129.45^7919470 (AESE)  
CC11^14023.0^UX1B2^21-Jan-2020^15102^MA200F^98^UE7CC-1^UE7CC-1^29^16^0^5^NV^UR^K^KN29^FN22^0^49.5/-25^172.78.132.163^7919470 (AESE)  
CC11^14006.0^924V^21-Jan-2020^15102^thx mark 73^ON3HK^27^EA2CW^EA7URH-5^11^09^27^14^9V^0M^FK90^J021^0^10.5/61^164.132.170.110^7919470 (AESE)  
K65UK-03 de AESE 21-Jan-2020 1510Z CCC > (AESE)  
CC11^14030.0^588UI^21-Jan-2020^1511^UP now here^I5ELQ^94^K0XH-5^K4IC2-5^53^39^28^15^5R^I^LH46^JN53^0^-13.5/-49^102.68.204.8^ (AESE)  
<- echo %I (AESE)  
>- %I (AESE)  
CC11^14033.0^DR10CNO^21-Jan-2020^1513^KSLJ^97^W0HU-1^UE7CC-1^28^14^7^4^IX^DL^K^EL29^0^51/-10^98.194.172.10^ (AESE)  
CC11^14006.0^924V^21-Jan-2020^1513^iso^K0XFD^24^DL9GTB-2^EA4RCH-5^11^09^28^15^9V^I^FK90^JN61^0^10.5/61^ (AESE)

Settings Country State Bands Users DX = 3 WWW Login Ann = 600 Wx Plus Mail

To enable changes you MUST "Tell Cluster"

4U1U FO/C J7 PJ5 VF2M  
6Y FP J8 PJ7 VP2V  
8P FS K TG VP5  
C6 HH KG4 T1 VP9  
CM HI KL T3 XE  
CY0 HK0/A KP1 V2 XF4  
CY9 HP KP2 V3 YN  
FG HR KP4 V4 YS  
FJ J3 KP5 VE YV0  
FM J6 OX VP2E ZF

NA 2  
EU  
AF  
AS  
SA  
OC

Filter Type  
Spotter City  
DX Country  
Announce  
Weather

Band  
All Defined  
160  
80  
40  
30  
20  
17  
15  
12  
10  
6  
MW

Ask Cluster Tell Cluster Set Band to Default Set Clear Help





## Step 2 Also on the Country Tab

- Set you want only spots from US
- Set NA (North America)
- Set Filter type – DX Country
- Set Bands you want
- Check Tell Cluster

CC User

Configuration Set Reflector Help Donate

AE5E

Sunrise 13:23Z Sunset 23:44Z Sunrise +1:54 21 Jan 15:18:08

```
CC11^14016.52^F500^21-Jan-2020^1517^tnx^RA6L0^98^UE7CC-1^UE7CC-1^27^14^29^16^^F^UA^JN26^LN07^0^46.5/-5^87.117.49.34^ (AE5E)
<- SET/FILTER D0C/PASS K,UE (AE5E)
<- SET/FILTER D0S/PASS DC,DE,MD,PA,AL,GA,KY,NC,FL,SC,TN,VA,AR,LA,MS,NM,OK,TX,MI,OH,WU,IN,IL,WI,CO,IA,KS,MN,MO,NE,ND,SD (AE5E)
sh/Filter D0C (AE5E)
KG5UK-03 de AE5E 21-Jan-2020 1517Z CCC > (AE5E)
KG5UK-03 de AE5E 21-Jan-2020 1517Z CCC > (AE5E)
DX Spot Orig Cty Filter/All set to Pass: K,UE (AE5E)
KG5UK-03 de AE5E 21-Jan-2020 1517Z CCC > (AE5E)
<- echo %T (AE5E)
-> %T (AE5E)
```

Settings **Country** State Bands Users DX = 8 WWW Login Ann = 600 Wx Plus Mail

**To enable changes you MUST "Tell Cluster"**

<input type="checkbox"/> 4U1U	<input type="checkbox"/> FO/C	<input type="checkbox"/> J7	<input type="checkbox"/> PJ5	<input type="checkbox"/> VP2M
<input type="checkbox"/> 6Y	<input type="checkbox"/> FP	<input type="checkbox"/> J8	<input type="checkbox"/> PJ7	<input type="checkbox"/> VP2V
<input type="checkbox"/> 8P	<input type="checkbox"/> FS	<input checked="" type="checkbox"/> K	<input type="checkbox"/> TG	<input type="checkbox"/> VP5
<input type="checkbox"/> C6	<input type="checkbox"/> HH	<input type="checkbox"/> J9	<input type="checkbox"/> TI	<input type="checkbox"/> VP9
<input type="checkbox"/> CM	<input type="checkbox"/> HI	<input type="checkbox"/> KL	<input type="checkbox"/> TI9	<input type="checkbox"/> XE
<input type="checkbox"/> CY0	<input type="checkbox"/> HK0/A	<input type="checkbox"/> KP1	<input type="checkbox"/> V2	<input type="checkbox"/> XF4
<input type="checkbox"/> CY9	<input type="checkbox"/> HP	<input type="checkbox"/> KP2	<input type="checkbox"/> V3	<input type="checkbox"/> YN
<input type="checkbox"/> FG	<input type="checkbox"/> HR	<input type="checkbox"/> KP4	<input type="checkbox"/> V4	<input type="checkbox"/> YS
<input type="checkbox"/> FJ	<input type="checkbox"/> J3	<input type="checkbox"/> KP5	<input type="checkbox"/> VE	<input type="checkbox"/> YV0
<input type="checkbox"/> FM	<input type="checkbox"/> J6	<input type="checkbox"/> OX	<input type="checkbox"/> VP2E	<input type="checkbox"/> ZF

Filter Type

☒ NA 1

☐ EU

☐ AF

☐ AS

☐ SA

☐ OC

☐ Spotter Cty

☒ DX Country

☐ Announce

☐ Weather

Band

☒ All

☐ 160

☐ 80

☐ 40

☐ 30

☐ 20

☐ 17

☐ 15

☐ 12

☐ 10

☐ 6

☐ MW

☒ Pass

☐ Reject

Ask Cluster Tell Cluster Set Band to Default Set Clear Help



### Step #3 On the STATE tab

- Set you want only spots for the States you are looking for
- Set Filter type – DX State
- Set Bands you want
- Check Tell Cluster

CC User

Configuration Set Reflector Help Donate

AE5E

Sunrise 13:23Z Sunset 23:44Z Sunrise +1:57 21 Jan 15:21:02

7P,7Q,7X,8P,8Q,8R,9A,9G,9H,9J,9K,9L,9M,9N,9Q,9U,9V,9X,9Y,A2,A3,A4,A5,A6,A7,A9,AP,BS7,BU,BU9P,BY,C2,C3,C5,C6,C9,CE,CE0X,CE0Y,CE0Z,CE9,CM,CN,CP,CT,CT3,CU,CX,CY0,CY9,D2,D4,D6,DL,DU,E3,E4,E5/N,E5/S,E6,E7,EA,EA6,EA8,EA9,EI,EK,EL,EP,ER,ES,ET,EU,EX,EY,EZ,F,FG,FH,FJ,FK,FK/C,FM,F0,F0/A,F0/C,F0/M,FP,FR,FS,FT/G,FT/J,FT/T,FT/W,FT/X,FT/Z,FW,FY,G,GD,G1,GJ,GM,GU,GW,HA,H4,H8,HA,HB,H80,HC,H88,HH,HI,HK,HK0/A,HK0/M,HL,HP,HR,HS,HU,H2,I,IG9,IS,IT9,J2,J3,J5,J6,J7,J8,JA,JD/M,JD/O,JT,JW,JW/B,JX,JY,K,KG4,KH0,KH1,KH2,KH3,KH4,KH5,KH6,KH7K,KH8,KH8/S,KH9,KL,KP1,KP2,KP4,KP5,LA,LU,LX,LY,LZ,OA,OD,OE,OH,OH0,OJ0,OK,ON,ON,OX,OY,OZ,P2,P4,P5,PA,PJ2,PJ4,PJ5,PJ7,PV,PY0F,PY0S,PY0T,P2,R1FJ,S0,S2,S5,S7,S9,SM,SP,ST,SU,SU/A,SU5,SU9,T2,T30,T31,T32,T33,T5,T7,T8,TA,TA1,TF,TG,TT,TI9,TJ,TK,TL,TN,TR,TT,TU,TY,TZ,UA,UA2,UA9,UK,UN,UR,U2,U3,U4,U5,U6,U7,U8,UE,UK,UK0H,UK0M,UK9C,UK9L,UK9M,U,K9N,UK9M,UK9X,UP2E,UP2M,UP2U,UP5,UP6,UP6/D,UP8,UP8/G,UP8/H,UP8/O,UP8/S,UP9,UQ9,UR,UU,UU4,UU7,XE,XF4,XT,XU,XM,XX9,XZ,YA,YB,YI,YJ,YK,YL,YN,YO,YS,YU,YV,YU0,Z2,Z3,Z6,Z8,ZA,ZB,ZC4,ZD7,ZD8,ZD9,ZF,ZK3,ZL,ZL7,ZL8,ZL9,ZP,ZS,ZS8 (AE5E)

KG5UK-03 de AE5E 21-Jan-2020 1520Z CCC > (AE5E)

CC11^14011.98^425AD^21-Jan-2020^1520^W0UH^98^UE7CC-1^UE7CC-1^39^20^7^4^H0^4X^K^KH71^EM48^0^31.5/-35^24.241.73.88^ (AE5E)

Settings Country **State** Bands Users DX = 9 WWW Login Ann = 600 Wx Plus Mail

W1 W2 W3 W4 W5 W6 W7 W8 W9 W0 VE

✓ CT ✓ NJ ✓ DC ✓ AL ✓ AR ✓ CA ✓ AZ ✓ MI ✓ IN ✓ CO ✓ NB ✓ SK  
✓ MA ✓ NY ✓ DE ✓ GA ✓ LA ✓ ID ✓ OH ✓ IL ✓ IA ✓ NS ✓ AB  
✓ ME ✓ MD ✓ KY ✓ MS ✓ MT ✓ WV ✓ WI ✓ KS ✓ PE ✓ BC  
✓ NH ✓ PA ✓ NC ✓ NM ✓ NV ✓ MN ✓ NL ✓ NT  
✓ RI ✓ FL ✓ OK ✓ OR ✓ MO ✓ QC ✓ NU  
✓ VT ✓ SC ✓ TX ✓ WA ✓ NE ✓ ON ✓ YT  
✓ TN ✓ WY ✓ ND ✓ MB  
✓ VA ✓ UT ✓ SD

Filter Type  
☐ Spotter State  
☒ DX State  
☐ Announce  
☐ Weather

Band  
☒ All Defined  
☐ 160  
☐ 80  
☐ 40  
☐ 30  
☐ 20  
☐ 17  
☐ 15  
☐ 12  
☐ 10  
☐ 6  
☐ MW

Ask Cluster Tell Cluster Clear Help



## CC Cluster Commands

<b>Announce</b>	Send an announcement to local USERS. (AN <Text Message>)
<b>ANnounce/Full</b>	Send an announcement to all nodes and USERS. (AN/F <Text Message>)
<b>BYE</b>	Disconnect from the node. (BYE) or (B)
<b>DX</b>	Send a DX spot. (DX <Callsign> <Frequency> or DX <Frequency> <Callsign>)
<b>DXTTest</b>	Returns to USER only. (DXT P5NOW 14006.06) Good for testing RES 1 & RES 2
<b>DIR</b>	Shows mail messages on the node
<b>DIR/BULLETIN</b>	Shows mail messages to ALL, BULLETIN and anything not to a call
<b>DIR/NEW</b>	Shows only mail messages you haven't seen since your last DIR
<b>DIR/OWN</b>	Shows only mail messages to you including messages to ALL & ones you sent
<b>DIR/SUBJECT</b>	Shows mail messages with subject you enter. (DIR/SUBJECT ARL)
<b>DELeTe</b>	Delete mail messages. (DEL (Msg #) (DEL 1-99) Deletes your messages from 1 to 99
<b>Kill</b>	Delete mail messages. (K (Msg #) (K 1-99) Deletes your messages from 1 to 99
<b>List</b>	Shows mail messages on the node
<b>List/NEW</b>	Shows only mail messages you haven't seen since your last DIR or L
<b>List/OWN</b>	Shows only mail messages to you including messages to ALL & ones you sent
<b>QUIT</b>	Disconnect from the node
<b>READ</b>	Read cluster mail. (READ <Message #>) See Mail Send/Receive below
<b>REply</b>	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.
<b>SEND</b>	(SEND <Callsign>) Sends mail to that callsign. SEND <LOCAL> to just send a message to local node USERS. SEND <ALL>, SEND <FORSALE> and SEND <DXNEWS> will be passed to all nodes for all users.
<b>SET/ANN</b>	Turn on announcements
<b>SET/BEACON</b>	Turn on beacon spots. These are spots ending in "/B" or "BCN"
<b>SET/BEEP</b>	Turn on a beep for DX and Announcement spots
<b>SET/BOB</b>	Turn on bottom of band DX spots
<b>SET/DX</b>	Turn on DX spot announcements
<b>SET/DXCQ</b>	Turn on CQ Zone in DX info for DX spots
<b>SET/DXITU</b>	Turn on ITU Zone in DX info for DX spots
<b>SET/DXS</b>	Turn on US state/province or country in DX info for DX spots
<b>SET/USSTATE</b>	Turn on US state or Canadian province spotter in DX info for DX spots



<b>SET/FILTER</b>	See Band & Mode Filtering Below
<b>SET/GRID</b>	Turns on DX Grid, toggles CQ Zone, ITU Zone, & US State to off
<b>SET/HOME</b>	Tell cluster your home node. (SET/HOME <Node Call>) If you normally connect to K8SMC then it would be (SET/HOME K8SMC)
<b>SET/LOCATION</b>	Set your location (lat/lon) of your station. (SET/LOCATION 42 17 N 84 21 W)
<b>SET/LOGIN</b>	Tells cluster to send USER connects and disconnects.
<b>SET/NAME</b>	Set your name (SET/NAME <First Name>)
<b>SET/NOANN</b>	Turn off announcements.
<b>SET/NOBEACON</b>	Turn off beacon spots. These are spots ending in "/B" or "BCN"
<b>SET/NOBEEP</b>	Turn off a beep for DX and Announcement spots .
<b>SET/NOBOB</b>	Turn off bottom of band DX spots.
<b>SET/NOCQ</b>	Turn off CQ Zone in spot announcements.
<b>SET/NODX</b>	Turn off DX spot announcements.
<b>SET/NODXCQ</b>	Turn off CQ Zone in DX info for DX spots
<b>SET/NODXITU</b>	Turn off ITU Zone in DX info for DX spots
<b>SET/NODXS</b>	Turn off US state/province or country in DX info for DX spots
<b>SET/NOUSSTATE</b>	Turn off US state or Canadian province spotter in DX info for DX spots
<b>SET/NOGRID</b>	Turn off DX Grids in spot announcements
<b>SET/NOITU</b>	Turn off ITU Zone in spot announcements
<b>SET/NOLOGIN</b>	Stops cluster from sending USER connects and disconnects
<b>SET/NOOWN</b>	Turn off skimmer spots for your own call
<b>SET/NOSELF</b>	Turn off self spots by other users
<b>SET/NOSKIMMER</b>	Turn off Skimmer spots
<b>SET/NOTALK</b>	Turn off the display of talk messages
<b>SET/NOWCY</b>	Turn off the display of WCY spots
<b>SET/NOWWV</b>	Turn off the display of WWV spots
<b>SET/NOWX</b>	Turn off the display of weather announcements
<b>SET/OWN</b>	Turn on Skimmer spots for own call
<b>SET/NOLOGIN</b>	Stops cluster from sending USER connects and disconnects
<b>SET/QRA</b>	Input your Grid Square. (SET/QRA EN72)





<b>SET/QTH</b>	Set your city and state. (SET/QTH <City, State>) DX <City, Country>
<b>SET/RES 1</b>	Tells CC-Cluster to give you 1 decimal point rounding in DX spots
<b>SET/RES 2</b>	Tells CC-Cluster to give you 2 decimal point rounding in DX spots
<b>SET/SELF</b>	Turn on self spots by other users
<b>SET/SKIMMER</b>	Turn on Skimmer spots
<b>SET/TALK</b>	Turn on the display of talk messages
<b>SET/USSTATE</b>	Turns on US State, toggles CQ Zone, DX Grid, & ITU Zone to off
<b>SET/WCY</b>	Turn on the display of WCY spots
<b>SET/WIDTH</b>	Sets the line width for DX spots, normally this has been 80 characters. Depending on your logging program you can use anything between 45 to 130 characters, SET/WIDTH XX where XX is the number of characters.
<b>SET/WWV</b>	Turn on the display of WWV spots

<b>SET/WX</b>	Turn on the display of weather announcements
<b>SHoW/CL</b>	Node Info and CCC Uptime See SH/VERSION
<b>SHoW/CONF</b>	Shows nodes and callsigns of USERS, only nodes called LOCAL by Sysop.
<b>SHoW/DX</b>	Shows last 30 spots
<b>SHoW/DX &lt;Call&gt;</b>	Shows last 30 spots for that call
<b>SHoW/DX/&lt;number&gt;</b>	Shows that number of spots. SH/DX/100
<b>SHoW/DX &lt;Band&gt;</b>	Shows spots on that band. SH/DX 20 for 20 meters
<b>SHoW/DX/ &lt;Freq&gt;</b>	Shows spots by frequency range. Syntax = SH/DX 7020-7130
<b>SHoW/DX &lt;prefix*&gt;</b>	Shows all spots for a country, standard prefix not necessary, asterisk needed
<b>SHoW/DX 'rtty'</b>	Shows spots where the comment field contains (rtty)
<b>SHoW/DXBY &lt;call&gt;</b>	Shows spots where spotter = Call
<b>SHoW/FDX</b>	Shows real time formatted dx spots.
<b>SHoW/FILTER</b>	Shows how you have your filters set.
<b>SHoW/HEAD &lt;Call&gt;</b>	Shows heading - distance and bearing for the call.
<b>SHoW/MYANN</b>	Shows last 5 announcements allowed by your filter settings.
<b>SHoW/MYDX</b>	Shows last 30 spots allowed by your filter settings
<b>SHoW/MYDX &lt;Call&gt;</b>	Shows last 30 spots for the call allowed by your filter settings.
<b>SHoW/MYDX/&lt;num-ber&gt;</b>	Shows that number of spots allowed by your filter. SH/MYDX/100
<b>SHoW/MYDX &lt;Band&gt;</b>	Shows spots on that band allowed by your filter settings. SH/MYDX 20 for 20 meters



<b>SHow/MYFDX</b>	Shows last 30 spots allowed by your filter settings.
<b>SHow/MYWX</b>	Shows last 5 weather announcements allowed by your filter settings.
<b>SHow/RES</b>	Shows the number of digits after the decimal point for frequencies
<b>SHow/SETTINGS</b>	Shows information on the node for your call and how you are setup.
<b>SHow/STATION</b>	Shows information on the node for a station. (SH/STA <Callsign>)
<b>SHow/SUN</b>	Shows local sunrise and sunset times. (SH/SUN <Prefix.> for that country
<b>SHow/TIME</b>	Shows GMT time.
<b>SHow/TIME &lt;Call&gt;</b>	Shows local time for the call.
<b>SHow/USDB</b>	Shows State/Province for US/VE calls. (SH/USDB <Callsign>)
<b>SHow/USERS</b>	Shows callsigns of everyone connected to the local node.
<b>SHow/VERSION</b>	Shows the CCC and Winsock Versions and Winsock Uptime for connections.
<b>SHow/WIDTH</b>	Shows the length of a DX Spot. Normally 80 characters.
<b>SHow/WWV</b>	Shows WWV info, (SH/WWV) gives last 5 (SH/WWV/99) gives last 99
<b>SHow/WCY</b>	Shows last 5 DK0WCY, similar to WWV
<b>Talk</b>	Send a talk message to someone on the node. (T <Callsign> <Message>)
<b>UNSET/</b>	This command can be used instead of SET/NO, Compatibility for DX-Spider USERS
<b>WHO</b>	This command will return a list of connections in alphabetical order. Items are: Call User/Node Name IP/AGW
<b>WX</b>	The command "WX" will send a local weather announcement. (WX Sunny and Warm)



## Most Common Used Filter Commands

<b>Filter Settings:</b>	Filter settings manually can be time consuming and sometimes hard to comprehend. I truly believe the best way is to download VE7CC's CC-USER FREE program at: <a href="http://ve7cc.net">http://ve7cc.net</a> and use it to do your settings. Filters are mostly default to off, but one simple setting for say someone in the US or Canada that is happy seeing spots from just the US and Canada can do a quick setting for this: SET/FILTER K,VE/PASS
<b>SH/FILTER</b>	Shows all of your USER filter settings
<b>SH/FILTER &lt;aaa&gt;</b>	Show setting for specific filter, <aaa> = filter name. SH/FILTER DOC = DX Origination Country SH/FILTER DOS = DX Origination State SH/FILTER AOC = Announce Origination Country SH/FILTER AOS = Announce Origination State SH/FILTER WOC = Weather Origination Country SH/FILTER WOS = Weather Origination State SH/FILTER DXCTY = DX spot CounTrY SH/FILTER DXSTATE = DX spot STATE
<b>SET/NOFILTER</b>	Resets all filters to default. If you suspect you have entered invalid filter command or commands, reset and start over.
<b>SET/FILTER &lt;aaa&gt;/OFF</b>	Turn off specific filter. <aaa> = filter name (see SH/FILTER <aaa>)
<b>SET/FILTER K,VE/PASS</b>	This would be the most common filter setting for say someone in the United States or Canada to set so as to only see spots that originated in the US or Canada.
<b>SET/FILTER &lt;aaa&gt;/&lt;p/r&gt; &lt;bbb&gt;</b>	Set specific filter. <aaa> = filter name (see SH/FILTER <aaa>) <p/r> = PASS or REJECT <bbb> = Country or State Example #1: SET/FILTER DOC/PASS EA,OH,G This would set your filter to pass originated spots from Spain, Finland and England only. Example #2: SET/FILTER DXCTY/PASS F,OH This would set your filter to pass spots for France and Finland only.
<b>DX Band Mode Filtering</b>	The DXBM filter has many variations for your settings, it is defaulted to receive all DX spots for all modes from 160 to 10 meters, (see Band & Mode Filtering below).

## Band and Mode

You can tailor the DX spots from CC Cluster to only the bands and modes that interest you. The default setting for new users is to receive all DX spots from 160 to 10 meters, all modes. To reset the band/mode filter to pass everything, enter "SET/FILTER DXBM/OFF". To display your current settings, enter "SH/FILTER DXBM". You can change any band or band/mode

You can set the band or band/mode to either pass or reject. You can add items one at a time, or all at once.

For example:

To add 6 meters, you enter "SET/FILTER DXBM/PASS 6".

To delete 80 meter and 40 meter CW, enter "SET/FILTER DXBM/REJECT 80-CW,40-CW"



Although the band/mode has a "mode" name, it does not mean that when you select 40-RTTY that you are selecting only RTTY spots. What it really means is that you are selecting the frequency range in the following table that corresponds to this name. In this case 7040-7100. The actual mode may be anything. The only thing you have selected is a frequency range.

## DX FREQUENCIES

Band Mode	Low	High	Band Mode	Low	High	Band Mode	Low	High
160-CW	1800	1850				160-SSB	1850	2000
80-CW	3500	3580	80-RTTY	3580	3700	80-SSB	3700	4000
						60-SSB	5260	5405
40-CW	7000	7040	40-RTTY	7040	7100	40-SSB	7100	7300
30-CW	10100	10130	30-RTTY	10130	10150			
20-CW	14000	14070	20-RTTY	14070	14150	20-SSB	14150	14350
17-CW	18068	18100	17-RTTY	18100	18110	17-SSB	18110	18168
15-CW	21000	21070	15-RTTY	21070	21200	15-SSB	21200	21450
12-CW	24890	24920	12-RTTY	24920	24930	12-SSB	24930	24990
10-CW	28000	28070	10-RTTY	28070	28300	10-SSB	28300	29700
6-CW	50000	50080	6-SSB	50080	50500	6-FM	50500	54000
						4-MTR	70000	70650
2-CW	144000	144100	2-SSB	144100	144500	2-FM	144500	148000
1-CW	220000	221000	1-SSB	222000	224000	1-FM	221000	222000
						MW-MW	500000	47000000