

How to use the *dplus* Reflector systems via GB7WF

A brief introduction to *dplus* Reflectors.

dplus Reflectors are similar to Conference Rooms used on analogue systems and at any time a number of DStar repeaters from around the UK and also from around the world can be linked to a *dplus* Reflector. This means that when you transmit through GB7WF that is linked to a *dplus* Reflector then you will be heard on all the other Gateways currently linked.

How to link GB7WF.

To link & unlink GB7WF to any *dplus* Reflector or directly to another *dplus* enabled DStar Repeater you will need to be registered on the DStar network (contact admin@wfrg.net to register)

After registration, you will need to setup your DStar transceiver to use your local Gateway.

To use the Gateway on GB7WF you need to set the following callsign parameters,

YOUR:CQCQCQ

RPT1:GB7WF B (the B must be in the 8th position)

RPT2:GB7WF G (the G must be in the 8th position)

MYCALL: <your callsign> (your callsign must be the same as the one you registered on the DStar network)

With the above set in your transceivers callsign settings you will be heard on the network via GB7WF. It is a good idea to save these setting to a memory for regular use on GB7WF.

To link to a *dplus* Reflector, for example the main US *dplus* Reflector 1 C then you need to transmit the following command information,

YOUR:REF001CL (The L in the 8th position commands the Gateway to link)

RPT1:GB7WF B (B in the 8th position)

RPT2:GB7WF G (G in the 8th position)

If you are successful GB7WF will reply with an announcement "dplus reflector linked" and the Text message stating which reflector GB7WF is linked will be displayed on your transceiver.

If the *dplus* system is not available, which happens for a short while after a system reboot, then no voice announcement is transmitted, only the text message "Remote system busy"

Now that you have linked GB7WF to Reflector 1C, you now need to return your transceivers YOUR: information to CQCQCQ, otherwise GB7WF will constantly announce "*dplus* System Already Linked"

To Unlink GB7WF from the *dplus* Reflector then set the following information,

YOUR: U (the U is to unlink and must be in the 8th position)

It is a good idea to save each setting into a different memories in your transceiver, for example,

Memory 1

Name :GB7WF G
YOUR:CQCQCQ
RPT1:GB7WF B
RPT2:GB7WF G
MYCALL:<your callsign>

Memory 2

Name :REF 1CL (name is optional)
YOUR:REF001CL
RPT1:GB7WF B
RPT2:GB7WF G
MYCALL:<your callsign>

Memory 3

Name UNL WF (name is optional)
YOUR: U (seven spaces then the U in the 8th position)
RPT1:GB7WF B
RPT2:GB7WF G
MYCALL:<your callsign>

So to link GB7WF to Reflector 1C, after checking that GB7WF is not in use, switch from MEM1 to MEM2, announce your callsign and your attempt to link GB7WF to *dplus* Reflector 1C. After the link is established switch back to MEM1 wait for a few seconds to check that the Reflector isn't already in use then make your call.

When you have finished on the Reflector, to Unlink, switch to Memory 3 announce that you are unlinking GB7WF so others on the Reflector know that you will not be able to answer any further calls. Then switch back to Memory 1 for normal use.

WFRG 2011

www.wfrg.net