

How to: 5425 Module C and 860 Module B Cross-Linking - using two different methods

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NOTE: This does not apply to DV Dongles or DV Access Points (DVAPs).

Method 1:

Use a Reflector to interconnect both ZL2VH B and ZL2VH C.

I have found two Reflectors that have usually no traffic:

REF041C (1Gbps speed) located in Chicago, OH USA.

REF051C (unspecified and unknown location)

The operators of each radio need to agree on which Reflector to link to. This can be done by one person who has access to both Mt. Climie repeaters or by the individual. This might be decided on the 730 repeater before QSY to D-Star.

The following is required in each radio: (Assumes the MY: ZL2xxx is set)

Radio on 5425 requires:

UR: REF051CL

RPT1: ZL2VH C

RPT2: ZL2VH G

After the first transmission the gateway will return "Remote System Linked"

Radio on 5425 must then use

UR: CQCQCQ (DRCQCQ in the case of the 880H)

Radio on 860 requires:

UR: REF051CL

RPT1: ZL2VH B

RPT2: ZL2VH G

After the first transmission the gateway will return "Remote System Linked"

Radio on 860 must then use UR: CQCQCQ (DRCQCQ in the case of the 880H)

The two stations can now have a cross band QSO.

When finished un-link using the following: (Assumes the MY: ZL2xxx is set)

Radio on 5425 and 860.

UR: □□□□□□□U (□ = equals a space)

RPT1: ZL2VH C or ZL2VH B

RPT2: ZL2VH G

The gateway will then return "Remote System Un-linked"

Radio on 5425 and 860 must then be returned to

UR: CQCQCQ (DRCQCQ in the case of the 880H) for normal local repeater use.

Method 2:

Use a cross link at Mt. Climie in non-gateway mode. (Assumes the MY: ZL2xxx is set)

Radio on 5425 requires:

UR: CQCQCQ

RPT1: ZL2VH C

RPT2: ZL2VH B

Radio on 860 requires:

UR: CQCQCQ

RPT1: ZL2VH B

RPT2: ZL2VH C

No D-STAR messages are given.

Two stations can now talk via the RP2C controller link at Mount Climie.

To return to normal gateway operation re-enable RPT2: ZL2VH G

To return to non gateway enabled operation RPT2: (no entry)