

IRLP -- The Internet Radio Linking Project

Thanks to an innovative Canadian, we now have IRLP. IRLP is the brainchild of Dave Cameron, VE7LTD of Vancouver BC. IRLP is the abbreviation used for the Internet Radio Linking Project which Dave developed. The IRLP network uses digital switching to provide a link between amateur repeaters around the world.

By VE3RQQ (444.300+) using our UHF FM repeater with IRLP technology, we can provide linking with other repeaters world-wide.

To connect to another repeater you simply transmit a 4 digit code from your own radio using the keypad on your radio or microphone, much like you use the keypad on your own telephone to connect to another telephone. Within a few seconds that repeater will ID in plain voice with it's callsign and location. For example, transmitting IRLP code 2330 will connect you with the IRLP repeater VE3KON in Sault Ste. Marie, and transmitting IRLP code 2260 will connect you with VE3OVQ in Guelph. If you were in Sault Ste. Marie and wanted to use their IRLP repeater VE3KON to link with our IRLP repeater VE3RQQ back in Little Current you would inter VE3RQQ's own IRLP code 2680.

IRLP Reflectors

An IRLP reflector is a computer that allows multiple repeaters to be linked together at the same time. There are reflectors located in various repeaters worldwide.

Some of the reflectors are "super reflectors." Super reflectors have the ability to use multiple channels. One of these super reflectors is the Ontario Public Service Reflector, which has several designated IRLP Channels including channel 9035 for the Procomm, Ontario-Wide Emergency Communications Nets. Listen on VE3RQQ (444.300+) for the Procomm net on Thursdays (after the club net) and Sundays at 8:00 pm.

Just as with any linking system, IRLP is subject to some minor audio delays. These delays are caused by the amount of time it takes for numerous radios to decode the tone squelch information so the first thing to remember is to **slow down** and be patient.

Helpful internet links are:

Official IRLP web site www.irlp.net

Monitor IRLP www.kwarc.org/listen/

IRLP user guidelines www.kwarc.org/irlp

Current Status of Nodes <http://status.irlp.net>

Ontario IRLP repeaters and codes:

http://www.repeaterbook.com/repeaters/FeatureSearch.php?state_id=CA08&type=IRLP

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