

Ron McFadyen, President  
Yukon Amateur Radio Association  
C/O 28 Range Rd.  
Whitehorse, YT  
Y1A 3A1

Kurt Forgaard  
President, Anvil Range Mining Ltd  
117 Industrial Rd.  
Whitehorse, YT  
Y1A 2T8

May 18 1995

Dear Mr. Forgaard:

First of all, I would like to thank you on behalf of the amateur club for the surplus radios and parts we received last month. Some of these have already been given out to hams for their "projects".

The other reason for this letter is to ask permission to install a simplex digital radio repeater at Anvil Range's repeater site in Faro.

The purpose of this repeater would be primarily recreational and would be used by local Faro residents who may be interested in amateur radio as a hobby. This unit would also serve as an emergency communication gateway to Whitehorse.

In terms of recreational use, the unit would allow Faro amateur radio operators to access the Yukon Amateur Radio Association's bulletin board and Internet gateway system in Whitehorse, as well as give them access to the Alaska packet network.

An employee of Anvil Range, Mr. Vern Seiler, has offered to write the test for the amateur ticket and then be a delegated amateur radio examiner for the Faro area in his spare time. He is also interested in helping organize a Faro club associated with, and supported by, the Yukon Amateur Radio Association. We see this as a positive step for the hobby.

The packet radio system proposed for your repeater site requires an antenna, a radio and a TNC or Terminal Node Controller. In order to reduce our costs we plan on re-crystalling, for this purpose, a base station that was graciously donated to our organization from Anvil Range Mining last month (and you thought you had got rid of it!).

As for the TNC, we are still looking at raising some funds for this, but would appreciate it if Anvil Range could purchase this item. The cost of this, quoted to us by Radio Shack, was \$175 (for a Kantronics KPC-3). We are hoping to scrounge an antenna, but again, if your radio shop has a spare side-mount antenna, this would also be appreciated.

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If approved, we understand that our radio would be a "guest" at your site and would be disconnected immediately if it were to malfunction and cause interference to the Anvil Range or Yukon Electric repeater there.

In terms of power consumption, our transmitter would be turned down from 30 watts to 15 watts. The TNC itself consumes only 15 mA.

If you have any questions regarding this, please call Jeff Stanhope at (403) 667-5102 or myself at (403) 668-8400 during normal office hours. We look forward to hearing from you.

Sincerely,



Ron McFadyen  
President,  
Yukon Amateur Radio Association