

# Surrey PREOC

Last Friday (March 8), Bob (VE7XNC), Jim (VA7JIR), Patrick (VE7HZF) and Sieg (VA7LEH) travelled to Surrey to visit our Provincial Regional Emergency Operations Centre (PREOC) located on [Green Timbers Road](#). Their installation was very impressive:

## Outside:



- The main tower has most of the VHF/UHF antennas as well as an Barker Williamson HF Terminated Folded Dipole multi-band wire antenna:
- The telephone pole has an Optibeam yagi antennas for 20m and 40m as well as a dipole (at 90° angle) for 80m.
- The Communications truck is the only one of its kind in Canada and was developed by SFU.

## Server Room



- The radios (in the middle) all connect to duplexers (on the left) to share the limited number of antennas on the towers.
- From there, they can be patched to any ethernet jack in any of the buildings so that anyone anywhere can quickly be setup with a radio station.

## Work Space





One of the operation's room.



The radio room is pretty limited in size since any work station can be outfitted with a radio terminal.