

East Kootenay Amateur Radio Club
Repeater Committee Meeting - VE7RCA Antenna Tower Planning
2021-May-21

Meeting held on Zoom and recorded. Notes summarized by Gavin Jacobs.

Attendees

VE7GSJ - Gavin Jacobs
VE7MRP - Dan Cameron
VA7BAJ - Jeff Pollock
VE7KJL - Kevin Lewis
VE7VEB - Brian Veitenheimer
VA7QZ - Doug Newberry
VA7DYE - Shane Dye
VE7NEK - Ken Macdonald

Regrets

VE7CRX - Randy Miller
VE7LXC - Tim Graham

Absent

VE7LOC - Lance Cuthill
VE7KPB - Ken Betenia
VE7JFX - Jeff Curtis

News

- Info from Ken Betenia re:temporary operation
- Brian drove/hiked/skied to Mount Thompson site Saturday!
Took pictures & measurements.
Pipes: 1 3/4" OD; tower base to shack portal 46'
Attempted field repair of VHF antenna coax connection.
- Shane got video feed from Swift. Thanks!
Link to follow in separate message.
also got info on tower
tentative date for site work Friday 2021-Jun-25
- Doug advised location of: Antennae, filters, 500' LMR400, connector @ Lance's
- Lane (WKARC) advised reasons for custom firmware:
Low Power, Stability, other functionality

Prep in Creston

- terminate one end of 2xLMR400 with N type connectors
Action: Kevin - ask Ken Betenia if he has the tool;
backup is Doug to ask Randy
- test repeater controller
Action: Kevin - ask Ken Betenia if the temporary setup is working, or if
any changes have been made; backup is Doug
- save config
- load & transport: antennas, cables, filters, radios, controller
Action: Brian load up 2021-Jun-24, proceed to site & meet Shane at site
on Jun-25; backup is Doug to take a load to Shane's house
2021-Jun-24

Action: Kevin arrange for key to seacan with Jan (Kootenay Communications);
Brian to pick up key from Jan on 2021-Jun-24
Action: Jeff Pollock & Gavin Jacobs travel to site early 2021-Jan-25
Action: Gavin contact Lance and determine availabilty of Service Monitor
and Watt Meter; also familiarize with equip at Ken Betenia's
Action: Shane ask Adam (Swift) to leave one cable in the conduit to be used
to pull our new coax
Action: Brian arrange to see new antennae at Lance's
Action: Shane look for pictures of the old equip in the sea can
Action: Gavin ask Ken Macdonald if he has any pictures
Action: Doug to ask Randy if he has any pictures
Action: Shane confirm dates with Swift
Action: Gavin consult with Doug regarding laptop software/cable/files
Action: Gavin prepare detailed checklist

Site activity

- install new antennas (tower work by Swift)
- remove old antennas (tower work by Swift)
- remove old & install new: radios, filters, controller, power supply
- terminate shack end of cables
- commission radios & controller
- check levels & adjustments (e.g. deviation, power)