

**Proposal to Re-establish Use of Ham Radio
Office for the Charlestown Amateur Radio Club**

Why?

- Charlestown Amateur Radio Club (CARC) has been re-established with 11 active members and has been meeting monthly since November 2022
- Operation of amateur radio stations within Charlestown apartments is difficult due to inability to utilize exterior antennas
- Newer residents/members have indicated that the existence of the Ham Radio Office factored into their decision to move to Charlestown
- Ham Radio Office is currently being used for storage

Goal

- Clear space within the existing Ham Radio Office to accommodate two 100-watt high frequency (HF) transceivers and ancillary equipment (power supplies, antenna tuners and antenna switch)
- Install multiband HF vertical antenna on the roof of the Edgewood building
- Run needed coax cable between antenna and Ham Radio Office

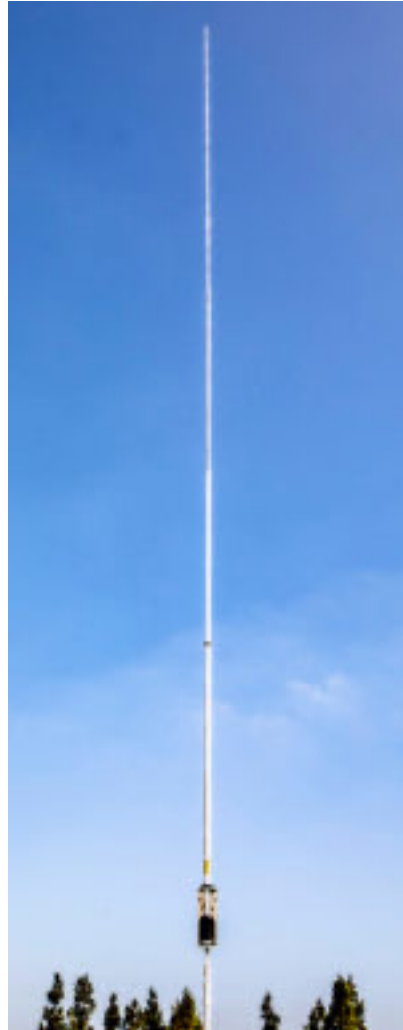
Ham Radio Office – Current State



100 Watt HF Transceiver and Power Supply



Proposed Comet CHA-250HD 3.5-54 MHz Vertical Antenna



Install vertical antenna to the existing isopole antenna mast on elevator machinery room atop Edgewood building



Connect sufficient low loss coax cable to run from the vertical antenna feed into Ham Radio Office and HF transceivers



CARC will:

- Cover cost of antenna, coax cable and installation of both
- Provide and place two HF transceivers and ancillary equipment (power supplies, antenna tuners, antenna switch) in the Ham Radio Office
- Provide two office chairs
- Not make any modifications to the Ham Radio Office
- Not access the roof for antenna modifications or maintenance
- Not interfere with audio equipment in auditorium

Request of Erickson

- Approve re-establishment of amateur radio use in Ham Radio Office
- Select contractor or use in house staff to install antenna, run coax cable and conduct any subsequent maintenance or repairs to the antenna or coax
- Free up at least six feet of desk space and six feet of shelf above the desk space with current items stored in this location relocated elsewhere
- Provide a limited number of keys to the Ham Radio Office for CARC member access