

## CONTOOCOOK VALLEY RADIO CLUB

### GENERAL MEETING – 2/9/16

1. There were 27 people present tonite.
2. Introductions started at 7:28 pm.
3. The talks began with Steve Jones covering station coax and antenna situations thoroughly, well before one begins to think about the expenses involved in the purchase of an RF Amplifier. Recommended costs were also discussed.
4. Brand names of popular amplifiers, various HF & VHF vacuum tube choices, their cost, and some recommendations on cost effective name brands and models.
5. Details about power losses, SWR requirements and related info were also covered.
6. Next, Dale began by distinguishing between linear and nonlinear amplifier operation and the pros and cons of both. Also discussed and shown were some thoughts on how vacuum tubes operate, including characteristics of grid current, high voltages and electron emission. He also reiterated the importance of not losing too much power in the transmission cable, and of course the importance of choosing the right antenna.
7. The talk was very well received and there were several good questions posed. Barry Whittemore added some comments regarding his experiences with his 600 watt HF amplifier.
8. Later, AB1YK, Mike presented his work on a single conversion HF receiver. The mate to this project will, later on, be a 6 watt QRP transmitter. One can Google Farnham Bitx for the web page that contains detailed information on the project which he brought in for us to see. The receiver was set up to operate primarily on 40 meters.
9. After the break, the Secretary's Report and the Treasurer's Report were given.
10. Later on, after some discussion, a motion was made, seconded, voted and passed to approve these reports.
11. Membership forms were made available for joining CARS. (The Capital Area Repeater Society).
12. It was noted, that Tom Page, KA1JHH, joined as a new member. He lives in York, Me., but his son is from Hopkinton, NH. His son is about 14 and hopefully will start studying for a Tech. License, real soon.
13. It was announced by Ken Wilkens, K1MID, that the June meeting had to be changed to the first Tuesday of the month, instead of the regular date.
14. The meeting was adjourned at 9:56 pm.

Respectfully Submitted,

Steve Jones, Secretary, N1JHJ

