

## **B&DARC Club Zoom Meeting Friday 19th March 2021.**

Present: Barrie G4AHK, John G8SH, Brian Capewell M7GCF, Andy Hudson 2E0VAZ, Mark Harden G8UEP, Nigel Mann, Geoff Woodbury, Peter G4LRL, Greame,

Apologise: Alan G4LVK, Janet M0JMP, Terry Stack, Paul Dixon SWL.

John & Barrie were first on, & were discussing various types of mounting to support 2m yagi antennas. John has a 3 element 2m yagi which he hopes to mount in the vertical plane & on a fixed heading towards the South West from his location in Longbridge, this should improve both his reception of weak signals on the Bromsgrove net & to improve his signal to members. Watch this space!

Geoff Woodbury, said that he had 'low volume' on the iPad. Various options were mentioned to assist him.

Zoom & its future use for club meetings was discussed with various options put forward, to either extend the normal free service which was available or that other members start a new meeting at 'staggered' times each with a new access code etc.

John (Sec) expressed a total exasperation with trying to get Zoom working on a 'simple' basis & he was really looking forward to ditching it completely & meet people in person..... Barrie & Mark H, brought up their on going work with loop antennas. Barrie is working with a loop of 1.6>1.8 metre diameter which has a circumference of 5metres. It has a wider use up to 10Mhz.

Nigel has expressed a wish to consider the use of a loop antenna at his location.

It was felt that, at present, it was easier to consider a dedicated loop for each band. Barrie is looking for suitable boxes to hold capacitors, pcb & motor drives for loops. It should also be noted that loops seem to perform best at heights over 3metres.

In the past Barrie has often reported high 'S' noise/levels at his location, but he reports that this seems to be resolved! Open Reach, have been putting fibre into his neighbours home (the source of most rf noise), it seems that during this installation that they have either changed or removed the PSU 'in the box!' It seems that a very 'rough' PSU was the main source, now vastly reduced.

Roy Adams G6NYG @ 20.00 he said he was allergic to Zoom Hi Hi.

The discussion on 'noise' issues & it was pointed out that most common mode noise comes into the dwelling via the mains & good use of 'clip on' ferrites can help considerably.

It was noted that BT/Open Reach are using fibre for Broadband but still are using wires for phone services.

Barrie then explained a very simple system of tracing 'noise' by using the Medium Wave frequency of 602mhz, if this was on in the car when passing under high voltage cables that the noise floor would increase due to the magnetic field generated (given off) by the alternating current in the cables.

John G8SH had to leave the meeting & handed over to Barrie to continue.

### **Next Zoom meeting**

John Storey is inviting you to a scheduled Zoom meeting.

Topic: John Storey's Zoom Meeting  
Time: Mar 26, 2021 19:30 London

Join Zoom Meeting

<https://us02web.zoom.us/j/84355920147?pwd=NkthQ0xleGVJMUNSU29nb3c2bzM2dz09>

Meeting ID: 843 5592 0147

Passcode: 7P8Y1Z

Kind regards,

Alan G4LVK