

# Avalon Amateur Radio Club Committee AGM 17 Jan 2020 AOB Proposals



## Intro

The first part of this meeting is to do with the election of the Committee for the new year. The formal Agenda is to be found on

<https://www.avalonarc.org.uk/2019/12-07-notification-of-agm.html>

Other items such as plans for next year are to be put under AOB so that the newly elected Chairman is in charge of the proceedings

## AOB

### Detailed changes to Constitution

2E0RWW has prepared two minor alterations which are to be voted upon at the next AGM having first been circulated at the meeting.

### Training and RSGB Affiliation – update on status

Update 13 Jan: this has gone through, G7LEE will bring pack to AGM

This gives us access to Radcom. We can also add ourselves to the RSGB Club Finder

<https://rsgb.org/main/clubs/club-finder/>

and the RSGB training course finder

<https://rsgb.org/main/clubs-training/course-exam-finder/>

We do not offer formal training but we do offer practical assessment, which because it needs one to one delivery is the main impediment for accessibility to the exams for people new to the hobby. Rather than two Registered Assessors (G7LEE, G5FM) we should have G6UVO, 2E0FNT, 2E0RWW next year once the RSGB confirms, more than doubling our capacity.

We describe our training offer and how it fits with self-study into getting your licence here

<https://avalonarc.org.uk/get-licensed/>

Please take a look and check for any errors. We used to say we offered training courses, we may have done before my time but this is not the case now ;)

## Balance of Training and radio activity

Training can occupy a lot of club members' time, it is worth taking a moment to see if there are limitations on how much training activity we can do in a given time?

## Currently identified Trainees

The trainees I am aware of for the near future are:

Gary – Foundation

Dave M3MYM – Intermediate

Callum M7AJ0 – Intermediate

Petra M7PAH – Intermediate

We should allocate our trainees a Registered Assessor who will issue a CPAR form after discussing with the trainee their expected schedule for the exam (a CPAR is valid for only one year)

## Training Equipment

The MX010A Club station can be used for F10A1, F10A2 and we have enough handhelds for F10A3

We do not have a club AMU for F10A5. I (G7LEE) have a PA0FRI homebrew ATU though it is slightly atypical in that it doesn't have the switchable inductor of the classic T-match

We currently have a 80m VFO for the VFO stability, harmonics, calibration (I10C5, I10C6, I10C8) practical and a 2m dipole with balun using telescopic aerials to do the adjustable aerial length/SWR (F10A4) practical. I have a QRP 80m low-pass filter which would serve for I10C7 but we have no spectrum analyser, though a SDR gizmo would probably show the attenuation in harmonics.

G6UVO's soldering course will address I10B2, I10B3, I10B4 and I10B6

A solderless breadboard and various resistors can address I10C2, I10C3,

We do not currently have a crystal oscillator for I10C4, this is not an overly challenging constructional project

## Textbooks

To take advantage of the RSGB's bulk rate 2E0RWW will order using the Club card with M7PAH's RSGB membership. Books required are

Foundation 6 (G. Ford, G6UVO, 2E0RWW, 2E0FNT, G7LEE, Club)

Intermediate 4 (G6UVO, 2E0FNT, G7LEE, Club)

Full 3 (G6UVO, 2E0RWW, Club)

## Interest in Radio Special Interests

Richard G7LEE asked the assembled committee at the November meeting

“what would you like to do with radio over in the next two years”

As a brainstorming exercise to capture ideas and interests – I have listed the people interested with the proposer first

Worked all Britain as a club: 2E0RWW, G7LEE  
Blue Ham: 2E0RWW, G5FM, G7LEE  
Contesting: 2E0RWW, G7LEE – propose doing some UK activity contests first  
Widening VHF modes from FM: 2E0FNT proposed using SSB on 2m, inspired by Yeovil ARC which uses a wider set of frequencies/modes than FM  
Moonbounce: 2E0FNT, G5FM suggestion is 23cm?  
E'sHail (up 13cm down 10G): 2E0FNT, G5FM  
Course on Voice Procedure: 2E0RWW, G6UVO Action: G6UVO to circulate VP crib sheets  
SOTA and HEMA: G7LEE, 2E0RWW, G6UVO  
Glastonbury Rally: 2E0FNT, G6UVO. Action G6UVO to sound out dealers at rallies as to interest  
ISS contacts and Schools Liaison: G7LEE floated the idea, would need a champion  
Offering Training is to how to get on and use digimodes: 2E0FNT  
Promotional banners and material: G6UVO, M7PAH, 2E0FNT  
Deerleap and Mendip Raceways: M7AJ0, 2E0RWW, G7LEE  
Scout run? 2E0RWW

## Exercise Blue Ham

Antenna rebuild, we need to test the Dual Operator box working with the Club rig  
*Update 10 Jan 2020:* DOB tested, CAIRO adapter cables left with Club setup

## Resilience

G5FM, G7LEE, G6UVO?, G7MJT?

I have broken this out because it seems to have many threads:

Resilience (systems independent of the Internet) – eg 10GHz broadband data PtP links: G6UVO  
APRS messaging – low-tech internet independent email like data comms  
APRS or manual/SDR survey of 2m coverage from Site 2 or Scout hut  
12V standby power supplies, both for a grid-independent community role but also for the use of Site 2, and the use of Mendip Raceways site for contesting if we go that way

## APRS

More people (G7LEE, 2E0FNT, G5FM) have APRS capability. It provides both position reporting capability and local area messaging ability via RF independent of the Internet, though APRS-IS makes it [visible on the Internet](#) too.

Has potential for supporting distributed events eg Scout's run, where any station can receive from RF the location of other stations without mobile data connectivity.

Can be used with regular 2m handhelds using either APRSDroid on a mobile phone or (Tx only) a hardware freetrak unit that is constructable for about £20

[http://www.ringolake.com/pic\\_proj/gps\\_trak/freetrak202.html](http://www.ringolake.com/pic_proj/gps_trak/freetrak202.html)

which can connect via the mic port of a handheld eg Baofeng

Is there interest in familiarising ourselves with, and establishing a RF APRS capability?