

Avalon Amateur Radio Club Committee Meeting 25 Sept 2019 Minutes Glastonbury Scout Hut 19:15 to 20:15



Present

Matt 2E0FNT Chairman
Mike 2E0RWW Treasurer/Membership Secretary
Chaz G6UVO Vice-Chairman/Training Officer
Richard G7LEE Secretary
Martin G5FM Press/Examinations Secretary
Petra M7PAH Transport Officer

Gary
Callum M7AJ0

Agenda

Blue Ham photoshoot for Radcom

Done, G6UVO to sort results.

RSGB Affiliation Form

Brought to meeting by Mike 2E0RWW for signing by assembled parties: Matt (Chairman), Mike (Treasurer). DD mandate probably needs both signatures

Blue Ham – future developments to build on success

Chaz will circulate technical details

Technical interface standardisation

Richard G7LEE showed a Dual Operator Box he constructed and an example modded Baoefeng speakermic and Yaesu rig adaptor.

AP Richard G7LEE to construct FT450D rig adapter with RJ-45 cable to free ends provided by Matt 2E0FNT. Also Martin G5FM to identify a headset he wishes to use, G7LEE will make a CAIRO 7-pin DIN to suitable ends adapter to suit. [Details of CAIRO](#)

Powerpoles proposed for 12V. Probably an idea to convert Club PSU and FT450D to Powerpoles.

AP Chaz G6UVO as QM to liaise with Mike 2E0RWW regarding purchase/stock holding

Transport officer

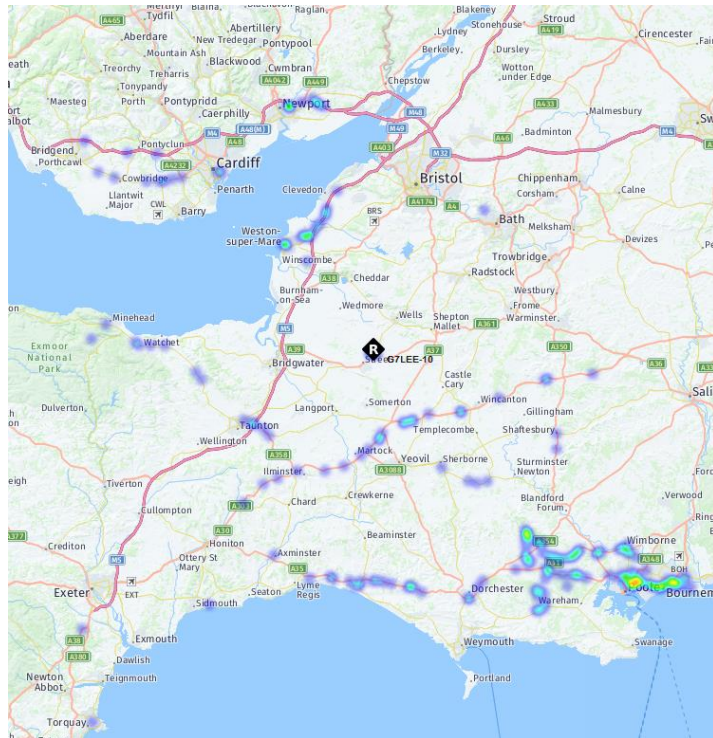
Carried M7PAH is IoAARC Transport Officer forthwith.

Training officer

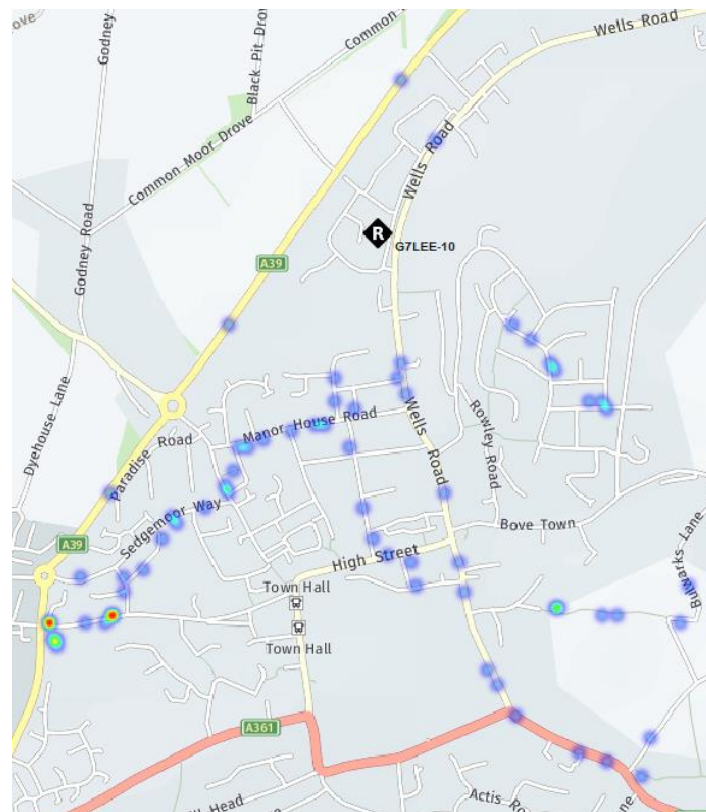
Carried, Chaz G6UVO is IoAARC Training Officer forthwith. It was suggested that 2E0FNT and 2E0RWW become Registered Assessors for Foundation.

Local Propagation Mapping

Discussed. APRS can be used, if the SDR measuring signal strength is adopted APRS telemetry would carry this data (from a successful contact). G7LEE: You can see APRS coverage from my site [eg here](#)



County-wide



Glastonbury area detail

G5FM requested details of APRS software. For Linux there is [xastir](#), for Windows there is [APRSISCE32](#) and [Pinpoint APRS](#). You can also use the Web, there is [APRS.fi](#) and [APRSdirect](#) For the Raspberry Pi there is [Direwolf](#), which has all the necessary to make a RF to Internet gateway¹, this is what mine uses.

You do not need to use a dedicated radio to run APRS, since the packet radio modulation is designed to go into at AF ports of a 2m FM rig². A basic Chinese drone GPS and [Freetrak PIC](#) would transmit position via a standard rig set to the UK APRS frequency of 144.800 MHz. If you want to try it I am happy to lend you my Kenwood THD7e and a serial GPS unit that contains just such a drone GPS.

QRZ Details

Discussed.

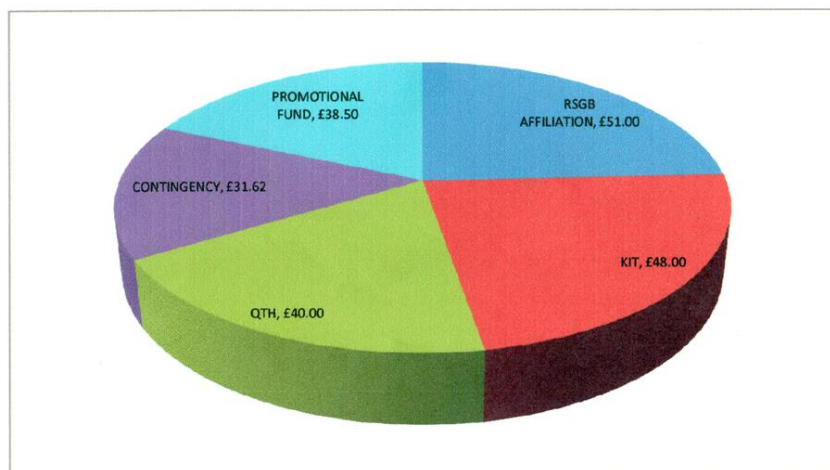
AP: Mike to sort and Martin to okay if required, G5FM is believed current MX0IOA QRZ change control, though there is the possibility Matt has authority too, in contradiction to the email that QRZ sent saying only one person can be change control

Treasurer's Report

2E0RWW presented the following:

Isle Of Avaon Amateur Radio Club - Bank Account Break Down -

RSGB AFFILIATION	£51.00
KIT	£48.00
QTH	£40.00
CONTINGENCY	£31.62
PROMOTIONAL FUND	£38.50
TOTAL IN ACCOUNT	£209.12



RSGB Books/Training manuals

Deferred to after RSGB affiliation goes through.

Recruiting posters

Three variants described.

10B+ course admin. arrangements

Discussed, all prospective students present.

¹ The very restrictive UK licensing regs on third-party means receive only is more common in the UK than in the US. Here you need a NoV and a three person shutdown protocol to run an unattended TX/RX igate

² Most IoAARC members are too young to remember packet radio which was all the rage until slaughtered by the internet in the mid-1990s ;)

AP G7LEE to provide Chaz with scan of Foundation CPAR to maximize utility of this course in satisfying Foundation and or Intermediate requirements. Intermediate CPAR provided to Petra&Chaz for M7PAH use

AP Chaz to get some pictures during course of people for publicity purposes and website

Rig-on, rig-off policy

Clarification that this is to absolve Club of legal issues. What people do is up to them. To be resubmitted at AGM.

Monitoring S19/145.475MHz

Is working already

70cm and 13cm endangered bands

2E0RWW proposed a CQ net, details to follow

AP 2E0RWW to clarify this idea/proposal

G7LEE - I observe 13cm analogue [ATV gear is not shockingly dear](#), we are in reasonably close proximity to each other, so this could be an interesting use of that band, and have some visual appeal for demonstrating what Amateur Radio can do

G7LEE – we could take part in the [VHF/UHF RSGB activity contests](#) once we have affiliation sorted.

IoAARC nets update FYI and review changes

Reviewed, accepted.

A.O.B

Christmas Meal

It was felt Gigi's was nice last year but perhaps a bit dear for some. Ideas floated, Street Inn, [Knight's Fish](#)

AP Matt to circulate proposals

Promotion and recruiting

2E0RWW is in touch with Nina Swift of street Market, we could have a stall for no cost, this is on Thursdays. Any interest? Would need a gazebo, preferably one that won't take off in the wind. Would need the RSGB Affiliation for public liability insurance first.

Vinyl sign? Pros and cons of using vistaprint or local firm discussed, general favour to use local firm.

Matt 2E0FNT said a good way to go next year would be to get a calendar of events identified at the start of the year (eg Royal Bath & West etc).

Document History

Date	Author	Description
25 Oct 2019	Richard G7LEE	Issue 1