



FIVE AND NINE PLUS

THE OFFICIAL NEWSLETTER
OF THE
APPLEDORE AND DISTRICT
AMATEUR RADIO CLUB

Club Callsigns: G2FKO and GX2FKO
Web Site : www.adarc.co.uk

CLUB'S OFFICERS

President	Terry Adams	G4CHD
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Treasurer	Chris Kentch	G0FJY

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	Ben Louder	2E0FTZ
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March 2024

EDITORIAL

This month's meeting on **March 19th** is our **AGM** and a chance to vote for your Committee to steer the Club through the next Club year. Present Committee members will indicate whether they wish to stand for re election at the AGM and anyone also wishing to stand should please let the Committee know. Your Committee will also decide who within the Club will receive the Jim McFee Cup and also the John Jeffers Award which hopefully will both be presented at the AGM. The format and content of the April Meeting has yet to be decided and may be an item for discussion under Any Other Business at the AGM.



So that's it for this month

Terry (G4CHD)

CLUB MEETINGS

Meetings are held at the **Appledore Football Social Club** starting at 7.30pm for 8.00pm. Visitors always welcome.

Date	Topic
March 19 th	AGM
April 15 th	Open Meeting - possibly via TEAMS TBC

For further information, please contact the Secretary John (G3JKL) - see panel above for contact details.

REPORT ON OUR FEBRUARY MEETING

'Fusion - Part 2' by Phil (G6DLJ)

There was another great attendance for this follow up to Phil's previous talk on the digital Fusion system. Phil illustrated his talk with a Powerpoint presentation and Rob (GØHFN) included a promotional video on GB3DN. The talk generated many questions and discussions as to the impact of the new licensing rules. As always there is a lot of work involved in preparing for any talk and our sincere thanks particularly to Phil and also Rob for all their hard work to give us such an informative evening.

LOCAL REPEATERS/GATEWAYS

GB3DN VHF Fusion & FM Repeater - Stibb Cross

Tone 77Hz (for analogue FM)
Repeater TX 145.6375 RX 145.0375
Keeper Tony G1BHM
<http://www.g0rql.co.uk/gb3dn.htm>

GB3ND UHF DMR Repeater - Holsworthy

TX 439.7375 RX 430.7375 colour code 1
Slot 1 local RF Slot 2 SW Cluster
Keeper Tony G1BHM

GB7FB UHF DMR Repeater - Bideford

TX 439.475 RX 430.475 Colour code 5
Slot 1 local RF Slot 2 SW Cluster
Keeper Drew M0MFS

GB7LZ UHF DMR Repeater - Winkleigh

TX 430.9125 RX 438.5125 Colour code 1
Slot 1 local RF Slot 2 SW Cluster

GB3LZ VHF Fusion & FM Repeater - Winkleigh

Tone 77Hz (for analogue FM)
Repeater TX 145.6625 RX 145.0625
Keeper Simon G4MQQ

MB6DT VHF Fusion Gateway

Frequency 144.8125 MHz.
Gateway Keeper Darren (2E0LVC)

LOCAL NETS

Weekday Zepp FM Net: Mon/Tues/Thurs/Fri :
145.450MHz - 4pm - 5pm
Wed via GB3DN - 4pm - 5pm
Net Control : Len (M0SXY)

2m Elevenses FM Net: Mon/Wed/Fri :
11 - 12.00 noon via GB3DN
Net Control ; Mike (G3PGA)

Friday Night 2m Net: Friday : 145.450 FM, 8 - 9pm

Sunday Top Band Net: Sunday 1.860 MHz
9.30 - 10.15am
(LSB - 32W pep max)

2m SSB Nets: Wed: 8 - 9pm 144.260MHz
USB SSB (Vertical polarised)
Sun: approx 10.30am (follows
Top Band Net) 144.260MHz
USB SSB (Vertical polarised)

Sunday FM Net: Sunday: 11 to noon via GB3DN
Net Control : Chris (G0FJY)

**Note :- FM Nets which use GB3DN as shown above
will continue despite the recent changes.
GB3DN is disconnected from the Southern
Fusion Room just before the listed start and
end of each FM Net.**

FOR SALE - KM3000 2m 15W VHF FM

Transceiver

The following offer comes from Phil (G6DLJ) :-

The Winkleigh Repeater Group is selling these 2m FM
radios at the very attractive price of £20 and each sale
includes a donation to the Winkleigh Repeater group.

If anyone is interested in this bargain, please contact Phil at

philbridges@email.com

The full details of this radio are on the last two pages of this
Newsletter.

AMATEUR RADIO CLUBS ON THE AIR

Many of you love "ON THE AIR" activities and events,
well here is a new one - full details are on the following
page.

The launch weekend is planned for March 23rd - 24th this
year and the aim is to encourage Radio Clubs / Societies
and their members to get on the air.

Enjoy the read

Terry (G4CHD)

G2AA - G3LRS - G6XRS - G5UM Web site <http://www.g3lrs.co.uk>

ARCOTA - Amateur Radio Clubs On The Air

Many of you love “ON THE AIR” activities and events, well here is a new one.

The launch weekend is planned for the 23rd - 24th of March 2024.

All bands using any mode including SSB, CW, FM, RTTY, FT8/4 and other digi mode. (6 options).

A station can be worked on six modes per band.

An award being available with the following rules:-

Open to all licensed amateurs and SWLs.

The aim is to encourage Radio Clubs / Societies and their members to get on the air.

Club stations 10 points, Club Members 5 points.

The Club Calls of the Leicester Radio Society G3LRS G5UM G2AA G6XRS 20 Points each and our members 10 points.

A station may be worked once on any band and up to 6 different mode for points but same band mode would be a duplicate.

The Award Levels :- Bronze 100 points further levels are available as follows:-

Silver 250 Gold 500 Sapphire 750 Diamond 1000

A certified, by two club officials or similar, copy of your log to be sent to arcota@g3lrs.org.uk to include :- callsign, date, time, band or frequency, mode, club, club station or member as shown in the following example log entries :-

CALLSIGN	DATE	TIME	BAND/FREQ	MODE	CLUB	CLUB STN/MEMBER
G3LRS	23/03/2024	10.20	40M	SSB	LEIC RS	CLUB STATION
G4SJX	23/03/2024	12.30	80M	RTTY	LEIC RS	MEMBER
G8HRZ	24/03/2024	15.10	20M	FT8	CDXC	MEMBER

An electronic award will be returned after checking.

A great opportunity to promote your club and its members, so please join us on the 23rd- 24th of March.

ARCOTA will be an ongoing activity after the launch weekend so plenty of time to chase / activate club calls and members.

Contacts for the award are valid from 23rd March onwards.

Further information will be placed on Leicester Radio Society’s Web Site g3lrs.org.uk and G3LRS QRZ.COM page.

Please register your interest by email to arcota@g3lrs.org.uk

KM3000 2m 15W VHF FM Transceiver



These VHF radios are preprogrammed for 2m frequencies. The radio supports a maximum of 256 channels and these include all the simplex channels as well as all the current (at time of programming) 2m analogue repeaters. As supplied CTCSS is programmed for both receive and transmit so annoying digital signals will not open the squelch if the repeater is dual mode FM and digital. You can change these options with the free, downloadable, programming software.

Channels may be selected using the included speaker/microphone with the display showing the channel or repeater name. Scanning is supported with only the local repeaters being included to avoid unnecessary scan delays for repeaters that are out of range. Scanning is easily stopped by pressing any of the microphone buttons or the PTT.

The radios will also work on packet frequencies although it is recommended that you read the documents on the Thames Valley Repeater Group (TVRG) website, www.tvrg.org.uk. This website provides information about the radios and has the free programming software should you wish to program your own channels rather than use those already provided. The site has details about making your own programming cable.

The transmitter power has been set at typically 15W output but it is adjustable inside. The power can be increased but has been set at this level to allow for heat dissipation.

The radios are supplied with a speaker microphone and molex connector but you will need to provide a power cable. The easiest method is to cut off the connector and install your own. Don't forget to put a 6A fuse in circuit to provide protection.

These radios are ex PMR units that have been configured, tested and are working fine but they are being sold as seen.

KM3000 2m 15W VHF FM Transceiver

These radios are available for just **£20.00**

- VHF 144 - 146 MHz
- 15W Power (typical)
- Standard 13.8V
- 256 Channels maximum
- Pre-programmed for FM repeaters and simplex channels including APRS
- Local repeaters included in channel scan
- Free, downloadable, programming software
- Included speaker/microphone
- Simple to use
- Ex PMR radios from a well known company
- Website with information pages (www.tvrg.org.uk)

