



## 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](http://www.adarc.co.uk)

### CLUB'S OFFICERS

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Vice Chairman	Steve Smith	G6SQX	
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	Dave Cottle	G4XWQ	
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	Keith Luxton	G0AYM	
QSL Manager	John Lovell	G3JKL	
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Exam Secretary	John Lovell	G3JKL	
Editor	Terry Adams	G4CHD	

October, 2016

### EDITORIAL

This month's Meeting on **October 17<sup>th</sup>** promises to be an intriguing insight into the benefits of using a Software Defined Radio (SDR). The talk is by our Chairman, John (G3JKL) who I think it is fair to say, has become an ardent fan of the SDR approach. John hopes to illustrate his talk with a working demonstration of the Flex 6300 and maybe afterwards there may be a few more converts to SDR!



Enjoy the Newsletter

Terry (G4CHD)

### WW and WG REPEATERS IMPORTANT UPDATE

I earlier circulated an email with details of the imminent closure of the WW and WG Repeaters. This was done in good faith and appeared genuine as the information was received by Royal Mail Post. However, tonight I have received an update from Mike (G3PGA) for which I am extremely grateful which indicates that the whole thing appears to be a malicious scam.

Mike wrote to Steve Thomas (M1ACB) - General Manager of the RSGB, and his reply is as follows :-

Hi Mike,

I've discussed this with our AROS coordinator who has in turn contacted the repeater keeper for WW and WG. He assures us that he does not intend to close the repeaters and did not produce the document which you attached.

Best regards, Steve Thomas, M1ACB, General Manager Radio Society of Great Britain

Tel: 01234 832701

Email: [steve.thomas@rsgb.org.uk](mailto:steve.thomas@rsgb.org.uk)

Therefore please destroy my earlier email and my apologies for any concerns or inconvenience that this may have caused.

Terry (G4CHD)

### CLUB MEETINGS

Meetings are held at the Appledore Football Social Club starting at 7.30pm for 8.00pm. Visitors always welcome. For further information, contact the Secretary, Alan (M6CCH) - details in the top panel.

October 17th	Flex 6300 Demo - John (G3JKL)
November 21st	Bring and Buy Night'
December	Club Christmas Party. Date to be confirmed
January 16th	Club Quiz Night John (G3JKL)
February 20th	Memory Lane TBC
March 20th	Club AGM
April 10th	TBA

### FREE TO A GOOD HOME!

FREE : Two satellite dishes :-

An 80cm dish complete with brackets and a 35cm dish also complete.

Please contact me before our next meeting if interested.

John (G8BXO) - [jhstacey3@googlemail.com](mailto:jhstacey3@googlemail.com)

## REPORT ON THE SEPTEMBER MEETING

### 'Programme your Baofeng Radio' by Mike (G4KXQ)



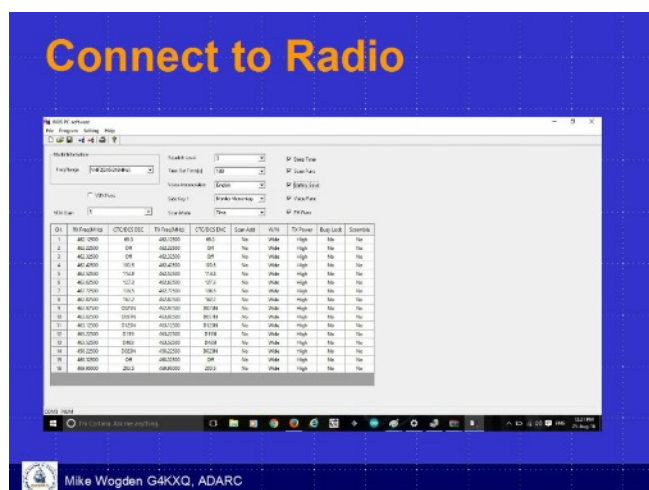
There was a very good attendance by members for Mike's talk, with many clutching their vhf/uhf handhelds in the hope of getting them reprogrammed. Mike's talks are noted for their meticulous presentation and

detail, and members attending were rewarded by another excellent talk.

The evening fell into broadly two halves - with Mike initially using a Powerpoint presentation to introduce the remarkable benefits of the currently available Wouxun and Baofeng handhelds. However, as anyone who already owns such a radio, the manual programming process and poorly printed

instructions can often leave one very frustrated. The answer, explained Mike, is to hook up the radio to your computer via a special connecting cable and using a free downloaded piece of Software - CHIRP - the problem is solved.

Mike has kindly made his Powerpoint presentation available on our Club website [www.adarc.co.uk](http://www.adarc.co.uk) and it is well worth a visit as step by step instructions on where and how to download and install CHIRP are included.



Since this software assumes that the radio is connected to the computer via an RS232 interface and not the commonly available USB, the connecting cable incorporates a chip to make the USB connection emulate an RS232 one. Mike explained that there are several chips used to achieve this of which the Prolific 2303 and FTDI chips are the most common. Unfortunately, the Prolific chip was soon produced in a counterfeit form and used in many low priced

cables. However, the Prolific driver was later updated and included a block on using such cables. It is possible to use the earlier driver version (3.2.00) as explained in the following link :-

[http://www.miklor.com/COM/UV\\_Drivers.php](http://www.miklor.com/COM/UV_Drivers.php)

It is claimed however, that cables based upon the FTDI chip have no similar problem.

I am grateful to Stef (M1CVJ) for the following additional information :-

**Chirp Open-Source Programming software :-**

<http://chirp.danplanet.com/projects/chirp/wiki/Home>

**Cables :-** Various available, one end requires USB and other end the relevant plug for whichever radio to be connected, various prices and sources, some genuine Prolific PL2303 chipset, some fake Prolific PL2303 chipset (tend to be cheaper), also FTDI Chipset

**Relevant article :-**

<http://chirp.danplanet.com/projects/chirp/wiki/CableGuide>

Genuine Prolific PL2303 chipset should work under windows using latest drivers, fake Prolific PL2303 do not, see the following article for a bit more info and a work around for fake Prolific PL2303 chipset

<http://wp.brodzinski.net/hardware/fake-pl2303-how-to-install/>

In the second part of the evening, Mike spent some considerable time helping members by programming their handhelds using a previously prepared frequencies listing. The evening was a great success and members came away with not only a fully programmed handset but with a wealth of useful knowledge and enthusiasm to have a go themselves (just what I did!!)

A huge vote of thanks to Mike for the enormous amount of pre talk preparation and giving US such a fascinating talk.

## LOCAL REPEATERS

### 70cm Handy Cross Repeater/Echolink (#221334)

#### Gateway (GB3ND)

User: Listen 433.35MHz - Transmit 434.95MHz

Access 1750Hz Tone (Timeout 4.25 mins)/ 77Hz CTCSS  
Repeater keeper is Jeff (G4SOF)

### 2m Stibb Cross Repeater (GB3DN)

<http://www.g0rql.co.uk/gb3dn.htm>

User: Listen 145.6375MHz - Transmit 145.0375 MHz.

Access 1750 Hz Tone or 77 Hz CTCSS  
Repeater keeper is Tony (G1BHM).

Yahoo users group for general chat and banter at :-

<http://groups.yahoo.com/group/GB3DN/>

## LOCAL SKEDS

**Zepp Net:** Mon, Tues, Thurs : 145.450 MHz 4pm  
Wed via GB3DN - 4pm

**6m Net:** Wednesday, 8pm, 51.480 MHz FM

**HF Net:** Friday at 3pm 7.145 MHz ± qrm

**70cm Net:** Sunday, via GB3ND, 11am - noon  
local time.  
Available on Echolink node 221334

**CROSSWORD**

This month's Crossword is by Stuart (M1FWD).  
The answers will be published in next month's Newsletter. Good luck !

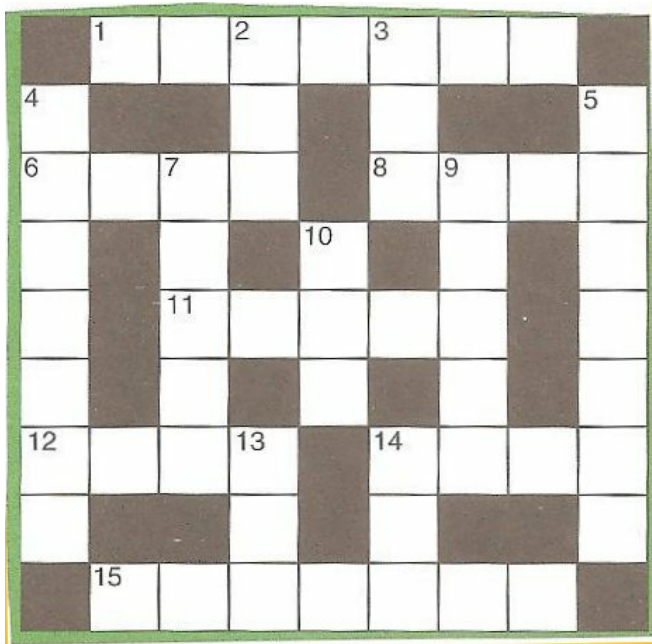


**CLUES ACROSS**

- 1) Monetary unit in Yankee Victor (YV) land (7)
- 6) The colour of unbleached linen (4)
- 8) Tool with an arched blade for cutting away the surface of wood (4)
- 11) Autonomous region on the south coast of Bravo Yankee (BY) land (5)
- 12) Huge, immense (4)
- 14) Eve's partner (4)
- 15) Monetary unit in Nine Mike (9M) land (7)

**CLUES DOWN**

- 2) Monetary unit in Yankee Oscar (YO) land (3)
- 3) By way of (3)
- 4) Monetary unit in Hotel Charlie (HC) land (7)
- 5) Monetary unit in Three Alpha (3A) land (7)
- 7) One of the main characters in Rome's foundation myth (5)
- 9) Ancient Celtic priest or magician (5)
- 10) In golf, a hole in one (3)
- 13) Metallic element, symbol Sn (3)
- 14) ? Lee, directed the movie *Life of Pi* (3)



**Last month's answers :-**

- ACROSS:** 1) Asia 3) call 7) countdown 8) alp 10) err  
12) capacitor 13) task 14) Aves
- DOWN:** 2) Seoul 4) Adobe 5) lunar 6) attract 8) Ascot  
9) Pepys 11) Rhode

**SUDOKU PUZZLE**

The aim is to enter a number into each cell so that **any column, or any row, or any block of cells contains all numbers from 1 to 9.**

					4		1	
	2				1			6
		6	2	7				
	6			5				7
5		8				1		3
3				4			2	
				1	3	5		
2			8					4
	5		4					

Terry (G4CHD)

**A VERY USEFUL TIP FROM DAVE (2E0IXX)**

Many thanks to Dave (2E0IXX) for bringing the wonders of SUGRU to my attention.



It appears to be a very good sealant etc and I'm sure Dave wouldn't mind passing on his experience with the product (contact me for Dave's email).  
Dave bought it from B&Q and his advice is to check the use by date on the base of the pack.

That's it for this month.

73s de Terry (G4CHD)