



# 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

President	Terry Adams	G4CHD		
Chairman	John Lovell	G3JKL		
Vice Chairman	Steve Smith	G6SQX		
Secretary	Alan Fisher	M6CCH	01237 422833	Email: <a href="mailto:fisheralan@gmail.com">fisheralan@gmail.com</a>
Treasurer	Mike Wogden	G4KXQ		
Committee	Graham Bailey	G1ZTJ		
	Dave Cottle	G4XWQ		
	Ray Hunter	M0TLO		
	Keith Luxton	G0AYM		
QSL Manager	John Lovell	G3JKL		
Web Master	John Lovell	G3JKL		
Exam Secretary	John Lovell	G3JKL		
Editor	Terry Adams	G4CHD		

September, 2016

## EDITORIAL

This month's Meeting on **September 19<sup>th</sup>** will be a fascinating talk by our Treasurer Mike (G4KXQ) on **how to program a Baofeng radio** and presumably handhelds of a similar type. Mike's talks are always meticulously prepared and members attending will be assured of a most interesting evening.



This month the Club must say farewell to John (M0AWI) who was a past Treasurer and audited the Club's accounts. A note from John is included in this month's 5&9 and everyone within the Club wish John and Janet a smooth move to their new qth and all the very best for the future. A Report on the Club's venture into contesting is included this month which makes interesting reading and like most activities, one learns with experience.

Enjoy the Newsletter

Terry (G4CHD)

## VINTAGE PRACTICAL WIRELESS/TELEVISION MAGAZINES FOR SALE

Graham (G1ZTJ) has a large number of such magazines to sell which date from the 1960's etc and are therefore almost collector's items. They provide a wonderful insight into the hobby in those days prior to the appearance of the expensive commercial Transceivers that we take for granted today.

If you are interested, please contact Graham (details at the top of this page).

## 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.

<b>September 19th</b>	Programme your Baofeng Radio - Mike (G4KXQ)
<b>October 17th</b>	Flex 9300 Demo - John (G3JKL)
<b>November 21st</b>	Bring and Buy Night'
<b>December</b>	Club Christmas Party. Date to be confirmed
<b>January 16th</b>	Club Quiz Night John (G3JKL)
<b>February 20th</b>	Memory Lane TBC
<b>March 20th</b>	Club AGM
<b>April 10th</b>	TBA

## LOCAL SKEDS

<b>Zepp Net:</b>	<b>Mon, Tues, Thurs : 145.450 MHz 4pm</b> <b>Wed via GB3DN - 4pm</b>
<b>6m Net:</b>	<b>Wednesday, 8pm, 51.480 MHz FM</b>
<b>HF Net:</b>	<b>Friday at 3pm 7.145 MHz ± qrm</b>
<b>70cm Net:</b>	<b>Sunday, via GB3ND, 11am - noon</b> <b>local time.</b> <b>Available on Echolink node 221334</b>

## REPORT ON THE AUGUST MEETING

### Club Open Meeting

#### 'Life on the Slide' by Peter Smith

Each year the Club has a Meeting with a non radio theme to which family and friends are invited. This year, the Club was delighted to welcome Peter Smith, a freelance orchestral bass trombone player, to give us a talk on the amusing times in his interesting a varied career playing the bass trombone. Peter has accompanied many famous artists and played in orchestras and bands around the World.



His stories brought peels of laughter from the audience and showed what a natural story teller Peter is.

Peter kindly refused payment for his talk but asked that any donations from those present (together with a contribution from our Club), go to the David Rundle Trust.



Our thanks to Peter for a wonderful evening's entertainment and sharing with us some of the highlights of his fascinating musical career.

### 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.g0rgl.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/>

## CROSSWORD

This month's Crossword is by Stuart (M1FWD).

The answers will be published in next month's Newsletter. Good luck !

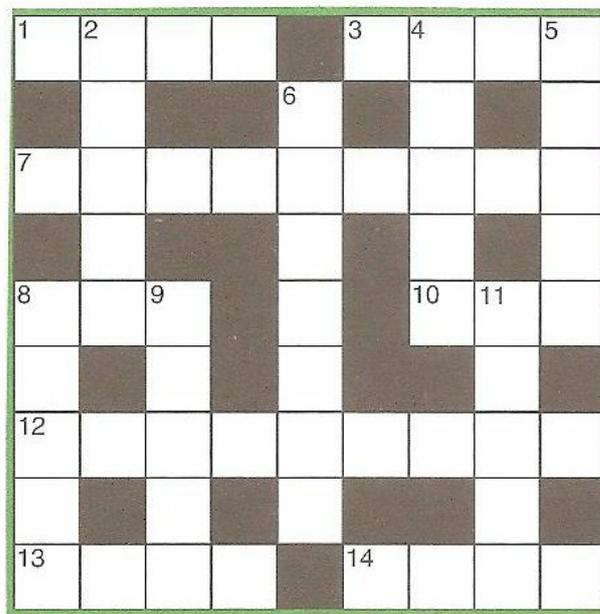


### Clues Across

- 1) Largest continent (4)
- 3) ? sign, a broadcast signal identifying the source of a radio transmission (4)
- 7) Build-up to lift-off (9)
- 8) Pastureland on a mountainside in Hotel Bravo Nine (HB9) land (3)
- 10) Be mistaken or incorrect (3)
- 12) A device of one or more pairs of conductors separated by insulators used to store an electric charge (9)
- 13) A piece of work to be done or undertaken (4)
- 14) Yankee Victor Zero (YV0) island (4)

### Clues Down

- 2) Capital city of Hotel Lima (HL) land (5)
- 4) A freeware software Flash Player (5)
- 5) Of, relating to, or determined by the moon (5)
- 6) In magnets, opposite poles do this (7)
- 8) Racecourse in Berkshire notable for The Gold Cup and other horseraces (5)
- 9) Samuel ? (1633-1703) – diarist of The Great Fire Of London (5)
- 11) ? Island, U.S. state, capital city Providence (5)



### Last month's answers :-

**Across** 1) Ghana 4) haj 6) arc 8) Sable 12) Oslo  
13) ruby 14) Aspen 17) oat 19) lei 20) Benin

**Down** 1) Goa 2) AGC 3) ass 4) hub 5) Joe 7) rusts  
9) acre 10) Libya 11) hole 14) awl 15) psi  
16) nub 17) own 18) tin

## 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.**

3					6	7	2	
	6	2	4					8
5			8					
			6	3				
		3	7		2	6		
				4	1			
					4			9
9					7	1	8	
	4	5	9					2

Terry (G4CHD)

## FAREWELL MESSAGE FROM JOHN (M0AWI)



We retired to North Devon just over 12 years ago and have really enjoyed 'The Good Life' doing the things that we liked to do during that time. After a great deal of thought we have decided, while we still can that now is the time to relocate our QTH back to Milton Keynes to be nearer our family. We have often visited MK since retiring and have watched it grow

and grow so we know what to expect. A very reasonable bus service will be a treat.

Soon after our arrival in Westward Ho! we met Terry G4CHD in a local ale house, we got chatting and the conversation drifted towards amateur radio, Milton Keynes, Bletchley Park, Appledore and finally the need for a new Club Treasurer. Dear Syd G0LMU SK wanted to step down from the position he held on and off over many years. I volunteered and was ADARC Treasurer for a couple of years and have been a club member ever since and will miss my 3rd Monday in the month outing.

It seemed to me, not wishing to say face to face 73, I don't like good byes, a few lines in 'Five and Nine Plus' was a good way of bowing out.

73 de John (M0AWI)

## REMINDER - INTERESTING TALK AT THE HOLSWORTHY RADIO CLUB

The Holsworthy Radio Club will be having a talk by Keith Holland on **October 5th** on the Mid Cornwall Beacon and Repeater Group (<http://www.gb3nc.org.uk/>)

The talk will also include the update information on **GB3NQ, the FSTV Repeater** which now has a 70cms input.

We meet at the Holsworthy College - 7.30pm for 8pm start. Any Appledore members who are interested are welcome to attend and it will be free of charge with even a free tea or coffee thrown in.

Parking is in the same car park as used for the Rally with access across the iron bridge into the college. Meetings are held in the Flemming room.

Don (G0RQL)

## REPORT ON THE PICNIC ON WINSFORD HILL, EXMOOR

Many thanks to Steve (G6SQX) for the following :-

On Sunday 14th August, we had ideal Exmoor picnic weather to carry out successful field trials around the Tarr Steps area.

Peter (2E0DYM) manned the radio whilst Fred (G0EOB) and myself drove around checking coverage.

Bob (G0ONV) and Sue joined us from Minehead and along with Helen (G0EOA) and Annie ensured the little devil beat a hasty retreat.

We used the Trig point to mount the antenna and the first contact on 2m fm was from the peak district!!

We made several local contacts, had a few brews and concluded it was a thoroughly enjoyable do.



Steve (G6SQX)

## RSGB FIELD DAY REPORT

Laurence and Viv kindly offered us the use of their field for this year's RSGB Field Day event on Saturday the 3<sup>rd</sup> of September. Unfortunately, (and typically) the weather forecast wasn't looking good for the day, so Graham G1ZTJ and I took advantage of the fair weather on Thursday afternoon to erect the club Gazebo, then on Friday we popped back down, raised the mast and hoisted up the Windom OCF dipole. Just as well, as we endured wind and rain on the day.



The Contest didn't start until 2pm (1pm UTC) and ran for 24 hours. At 1pm I met Helen G0EOA, Fred G0EOB who kindly provided the generator, and Dave G4XWQ who turned up with tables, chairs and a VHF station so we could keep in touch with Steve G6SQX who was running a station at the Tiverton radio club. By this time Graham had arrived and we had the station set up and running. 40 and 20m were very lively, so I gave out a call to DL0GC on 40 who was also in the contest, and we chatted until the start time, gave each other a 001 serial number and we were away. Unfortunately, the excitement was short lived! It was typically (during a contest) hard to find a clear frequency. As soon as you start calling "CQ contest" someone on an adjacent frequency tramples all over you. After calling for a while and getting nowhere (even Helen's female voice didn't draw them in!) I decided to chase points instead, but this was a slow process and after 2 hours we only had 22 in the log. Mike G4KXQ arrived at around 4.30 and after a dipping into the 20m band for half an hour we finished up on a lively 80m until an almighty lightning bolt sent us scurrying homeward in the pouring rain at 7pm. The plan was to meet up the following day at 9am and carry on. We had heavy rain and high winds during the night, so I was a bit apprehensive as I drove down the lane, and as it turned out I was right to be worried as although the mast and aerial were still standing, the gazebo had blown over. Rather than waste time setting it up again I took the executive decision to dismantle it. I was soon joined by Laurence and Mike so we took down the mast as the weather was good. In the end we only had 61 in the log, (one of those being Brian M0BRB), but on the whole it was all good fun and certainly a valuable learning experience for our next club event. The British weather threw everything at us as usual, so thanks to everyone who took part and braved the elements, and most of all made the effort.

John (G3JKL)

## PUZZLE OF THE MONTH

After talking to visitors staying with us, the following query cropped up triggered by a childhood memory of an article in a Boys Comic!

The question is, is it possible to 'jam' another radio by placing a radio nearby and appropriately tuning it to cause the other radio to become unusable?!

I think the clue lies in the timescale - ie the 50's/60's. Any thoughts anyone?

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## CLICK2TUNE TUNING ACCESSORY



As I use a Yaesu FT 857 for portable operating, I recently bought the following dongle at approx £20 from Sotabeams which makes tuning with 25W a doddle and thought other members might be interested.

If you use an FT-817, 857 or 897 with an antenna tuner you will have noticed the lack of any straightforward way to send a carrier for tuning. To do so requires you to change the mode. Given the slightly clunky user interface on these radios, sending a tone can require several key presses. It's annoying in the shack and can be very frustrating in the field. This is all the more of a problem if you use a narrow-band antenna such as a magnetic loop that needs frequent re-tuning.

The Click2Tune makes the tuning process so much easier! It's a tiny dongle containing a sophisticated microprocessor that plugs into the the back of your radio. Once set up, tuning just requires a double click of the microphone PTT switch to send a carrier; that's all. Brilliant!

With the 857 and 897 you might wish to carry out tuning at low power, the Click2Tune does this too by allowing you to select the tuning mode. That allows you to tune at 25 Watts - this is especially important for protecting auto-tuners. By the way, the same Click2Tune dongle can be used on all of the radios above, you don't need different types. The Click2Tune is a really useful accessory that is sure to make your mobile and portable operating easier!

**NOTE:** The dongle may need to be modified slightly for use with the FT-857.

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That's it for this month - see you at the Meeting

Terry (G4CHD)